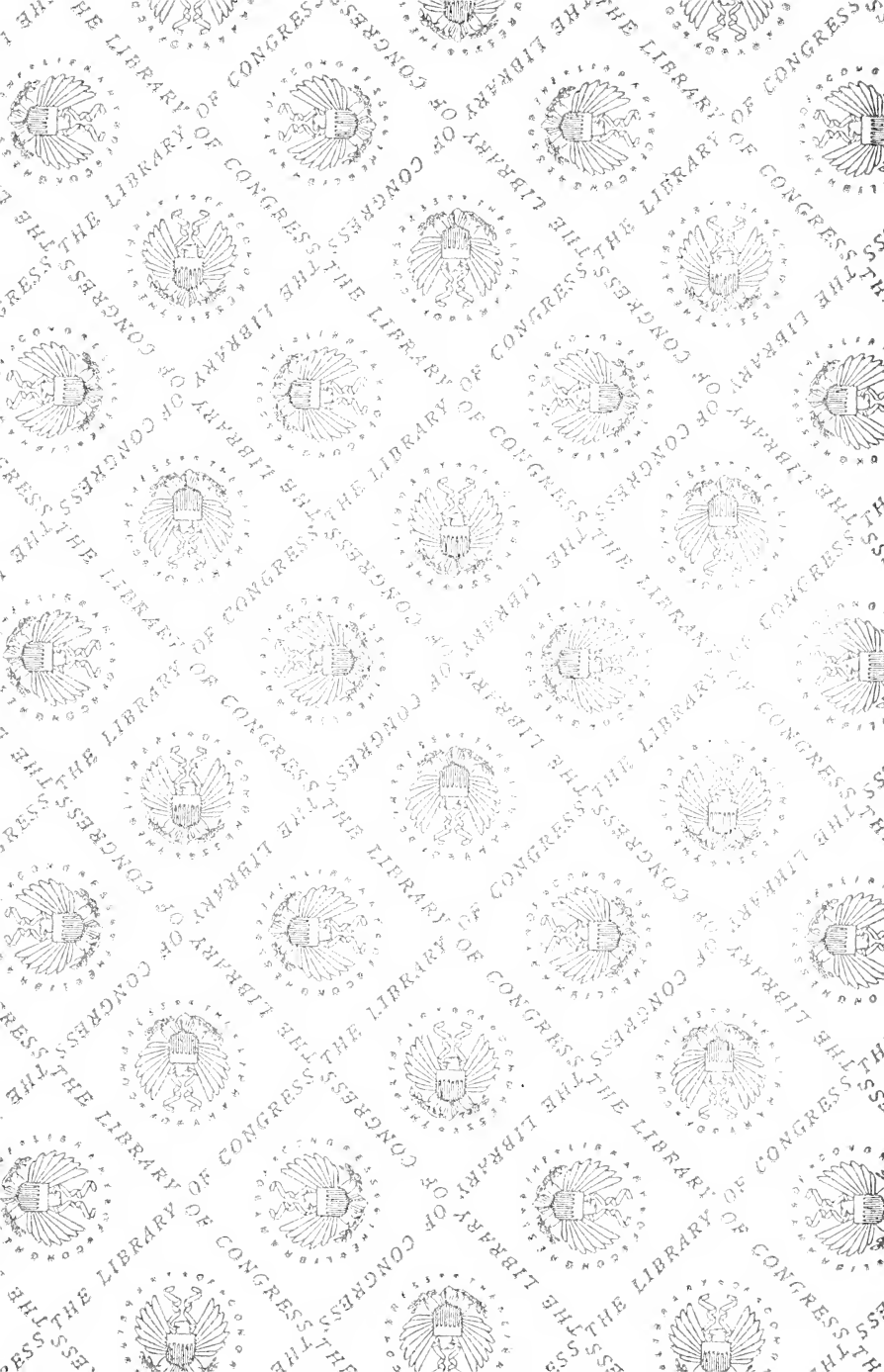
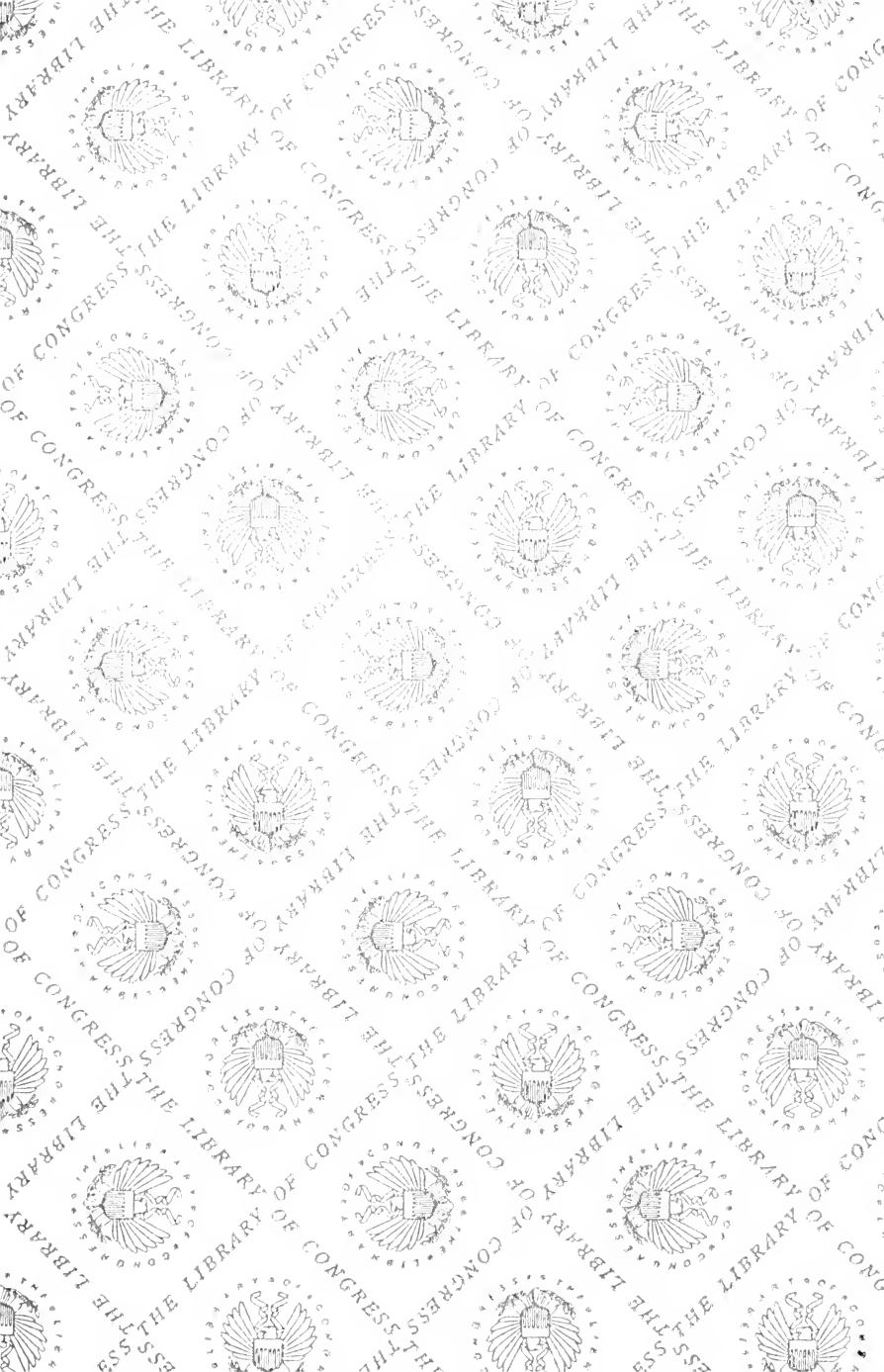


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ABRAM C. MOTT,
President.

GEO. E. HOPKIN,
Secretary.

W. H. PFAHLER,
Treasurer.

ABRAM COX STOVE CO.



144 NORTH SECOND STREET,
PHILADELPHIA, PA.

FOUNDRIES:
PHILADELPHIA AND LANSDALE, PA.

NEW YORK OFFICE:
284 Pearl Street.

WESTERN MANAGER:
E. P. MOTT, 41 State Street, CHICAGO, ILL.

WHOLESALE AGENTS:
BOSTON FURNACE COMPANY,
79 and 81 Blackstone Street, BOSTON, MASS.



ABRAM COX STOVE CO.

Size of Stove Pipe.

ON the page with each Stove is given the size of pipe that should be invariably used to insure the best results.

The custom of tapering the first joint of stove pipe so as to reduce its top diameter one inch has cost much more than was ever saved by the reduced cost of additional pipe necessary to connect the stove with the chimney. It has often been said that there is only an inch difference between 5 inch and 6 inch pipe, and that an inch was not much, showing that the true difference was not understood, for a 5 inch pipe has a capacity for carrying away smoke equal to $19\frac{1}{2}$ square inches, while a six inch pipe has $28\frac{1}{4}$ inches of space, or half as much more, or enough to make a stove work nicely where it would utterly fail with the smaller pipe.

The few cents saved in the few joints of smaller pipe that can be used by tapering the first joint, will not begin to pay for the lost time and annoyance that comes from poor operation and failure to bake which you are called on to remedy. Sometimes satisfaction can only be given by replacing the stove with another, leaving a second-hand stove to be disposed of, when, if proper pipe had been used in the first place, the trouble would have been entirely avoided, and should be a sufficient lesson to teach all that it is better to use the full size pipe for which the manufacturers of a stove make provision.

The above applies with equal force to heating stoves of the down draft and full reversible flue construction.

It is necessary that the draft of the chimney be strong and rapid, and this should be tested before the stove is set up. A strong draft is the prime essential for successful baking in all flat top stoves and ranges.

A chimney less than 8 x 8 seldom has the strength of draft necessary for a stove that is required to bake, and again, some of the old fashioned chimneys are so large that the smoke cools before it gets to the top of the chimney, and unless an elbow is put inside the chimney, with two or three joints of pipe above it, a failure may result.

No chimney can be satisfactory if there are openings into it, through which air may come; so be careful to stop all other pipe holes and the opening in the cellar left to clean it out; or if there is a fire-place, make it air tight all around the fireboard or throat piece by plastering it over or papering over it with two or three thicknesses of paper, to prevent breaking.

People widely differ on what constitutes a good draft, and very few will concede that their chimney has a poor draft, for it is more expensive to remedy the defect than it is to condemn your stove. If you should have such trouble, the most conclusive evidence that the trouble is not in the stove is manifested by setting the stove out of doors where it is not hindered by a chimney, and with three or four joints of pipe, the size of collar, it will bake elegantly, even on a cold day.

The testing of a chimney by a piece of burning paper as ordinarily done is useless. A good way is to crush a whole newspaper into a mass and stuff it into the pipe hole, but not too tightly, then light it, and if, when it is partly burned, the paper and cinder are drawn up the flue with great speed and roaring sound, it can be accepted as a fact that the flue is open, and the draft as good as the size of the clear open space in the flue will admit of. But this does not prove that the size of the flue is sufficient, which should not be less than 8 x 8. If after examining as above, your stove or furnace fails to burn freely, then further examine flue by dropping a paper nicely folded, into same, lighted end down. This will illuminate the flue, so that you can locate any obstruction, and by getting rid of same the apparatus should operate perfectly.

You can save much annoyance and make some money by observing these rules carefully, for strength of draft is the only thing that makes a stove bake.



*THE PRICES IN THIS CATALOGUE
SUPERSEDE THOSE OF ALL PREVIOUS ISSUES.*

Special Notice.

ALL goods not marked net are subject to a Trade Discount from prices given. Liberal discounts allowed for prompt settlement.

If not specially ordered otherwise, shipments will be made at released rates, via cheapest route, at buyer's risk, and all claims for breakage must be made on transportation company.

Any account not settled on the fifteenth of the month following the purchase, either by cash or note, becomes due and collectable at once.

PRICES AND DISCOUNTS SUBJECT TO CHANGE

WITHOUT NOTICE.

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BY
ABRAM COX STOVE CO., PHILADELPHIA.



ABRAM COX STOVE CO.

MESSENGER NOVELTY RANGE.

OVEN VENTILATED

To secure more Perfect Baking and Lack of Shrinkage in Food Cooked.

ROOM VENTILATED

To Remove Disagreeable Odors and Foul Air.

IN this construction we present not only the best proportioned and most artistically designed Range ever made, but a combination of every modern feature of utility, convenience, and durability known to the trade.

It was introduced to the public two years ago, during which time it has secured for itself an excellent reputation and an extended sale.

In appearance it speaks for itself, being the strongest looking, most attractive appearing, and elaborately finished Range in the market.

The Oven is ventilated on the only proper and perfect system. A current of fresh, warm air constantly passes through it into an entirely independent and separate ventilating flue, which, from its location and construction, neither becomes useless by being stopped with ashes nor a detriment by acting as a check to the draft.

The flues are very large, and are easily cleaned. Direct Draft Damper opening directly into Smoke Pipe.

Finished either with Duplex or Copp Grate.

Large Hearth, with extra large and convenient Ash Pan.

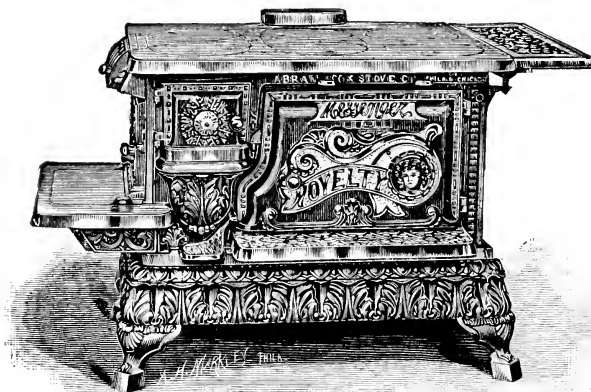
Pedal Oven Door Openers or "Kickers."

*Ventilated Oven and also the Celebrated "Brinkerhoff"
System of Room Ventilation.*

See page 9 for price of Trimmings.



MESSENGER NOVELTY RANGE.



Hard, Soft Coal, Coke or Wood.

PLAIN, AS ABOVE.

No. 7-19, six 7 inch Cooking Holes, use 6 inch pipe.....	\$29 00
" 8-19, " 8 " " " " 6 " "	29 00
" 8-21, " 8 " " " " 6 " "	33 00
" 9-21, " 9 " " " " 6 " "	33 00
High Closet.....	10 09
" Shelf, No. 3 style.....	4 50
Waterfront.....	4 65
Couplings, per pair.....	1 00
Wood Fixtures, extra.....	1 50

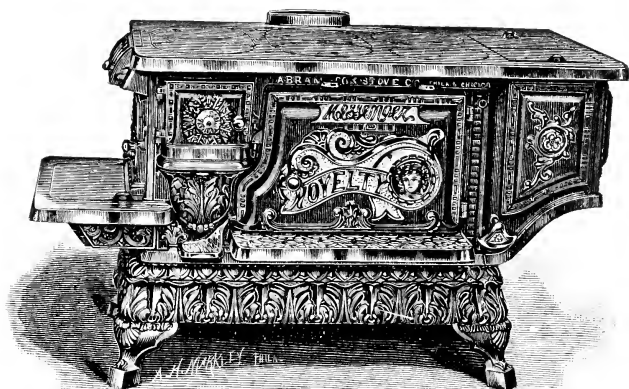
Size of Oven, 19 x 19 and 21 x 21 inches.

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.



ABRAM COX STOVE CO.

MESSENGER NOVELTY RANGE.



Hard, Soft Coal, Coke or Wood.

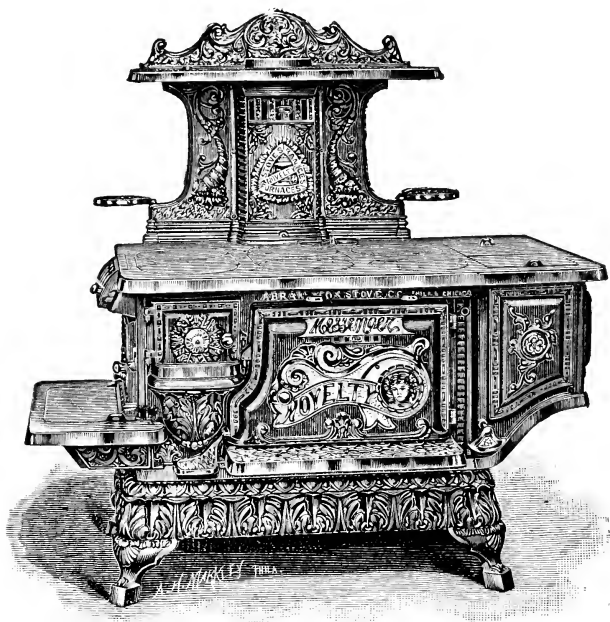
WITH RESERVOIR, AS ABOVE.

No. 7-19, six 7 inch Cooking Ho'es, use 6 inch pipe.....	\$36 00
" 8-19, " 8 " " " " 6 " "	36 00
" 8-21, " 8 " " " " 6 " "	40 00
" 9-21, " 9 " " " " 6 " "	40 00
High Closet.....	10 00
" Shelf, No. 3 style.....	4 50
Wood Fixtures, extra.....	1 50

Size of Oven, 19 x 19 and 21 x 21 inches.

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.

MESSENGER NOVELTY RANGE.



Hard, Soft Coal, Coke or Wood.

WITH RESERVOIR AND No. 3 HIGH SHELF, AS ABOVE.

No. 7-19, six 7 inch Cooking Holes, use 6 inch pipe.....	\$40 50
" 8-19, " 8 " " " " 6 " "	40 50
" 8-21, " 8 " " " " 6 " "	44 50
" 9-21, " 9 " " " " 6 " " ..	44 50
Wood Fixtures, extra.....	1 50

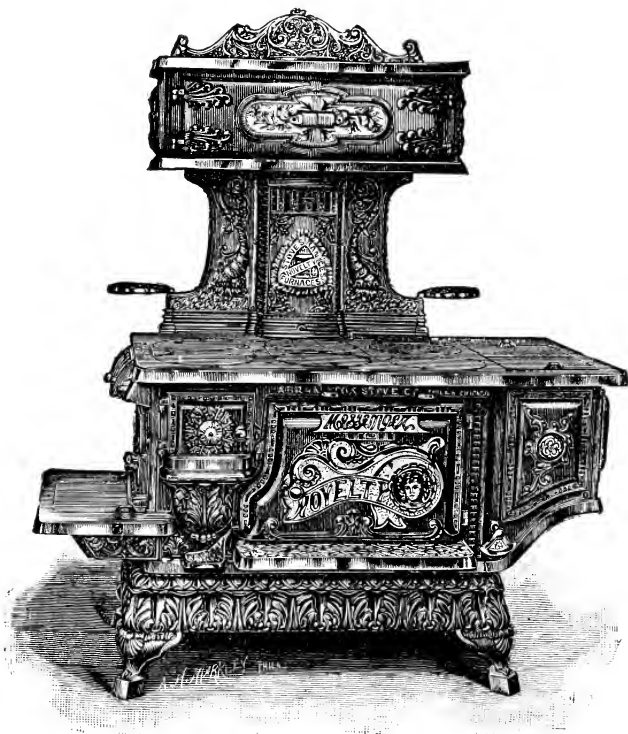
Size of Oven, 19 x 19 and 21 x 21 inches.

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.



ABRAM COX STOVE CO.

MESSENGER NOVELTY RANGE.



Hard, Soft Coal, Coke or Wood.

WITH RESERVOIR AND HIGH CLOSET, AS ABOVE.

No. 7-19, six 7 inch Cooking Holes, use 6 inch pipe.....	\$46 00
" 8-19, " 8 " " " " 6 " "	46 00
" 8-21, " 8 " " " " 6 " "	50 00
" 9-21, " 9 " " " " 6 " "	50 00
Wood Fixtures, extra.....	1 50

Size of Oven, 19 x 19 and 21 x 21 inches.

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.



HIGH SHELVES AND CLOSET.



Price,

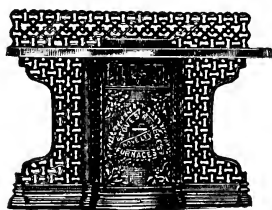
\$10 00



Price,

\$4 50

No. 3.



Price,

\$2 50

No. 4.

Trimmings for Ranges.

A set of trimmings consists of Wash Boiler, two Pots, Tea-kettle, Spider, Steamer, Pot Cover, Dripping Pan and eight feet of Pipe, with Elbow.

	No. 7-18.	No. 8-18.	No. 8-20.	No. 9-20.
Prices per set.....	\$7 00	\$8 00	\$8 25	\$9 25



ABRAM COX STOVE CO.

CAMBRIA NOVELTY RANGE.



A NEW addition to our line is the

Cambria Novelty FOUR HOLE Range.

We present in this construction a Four Hole Range equal to the best made, and of which we feel justly proud as its makers, combining as it does every feature of utility, convenience, and durability, besides being of excellent proportion, artistic design, and superb finish.

The large and roomy Oven, and the celebrated *Cut Top* of 7, 8, and 9 inch Holes, together with the ample Fire Box and Flue capacity, insures perfect operation and unequalled facilities for baking and cooking.

The excellent working *Triplex Grate* cleans the fire all through alike.

The Ash Pit is large, admitting of a large Ash Pan, to which easy access is gained by the sliding of the Ash Pit cover.

The nickel trimmings and handsomely polished edges gives the Range an attractive appearance.

The ample reservoir makes hot water in abundance.

Pedal Oven Door Opener.

The Cambria is amply qualified, from every standpoint, to start in as the

Leader of High Grade Four-hole Ranges.



CAMBRIA NOVELTY RANGE.



Hard, Soft Coal, Coke or Wood.

	With Reservoir as above.	Less Reservoir.
No. 7-18, four 7 inch Cooking Holes, use 6 inch pipe.....	\$31 00	\$24 00
" 8-18, " 8 " " " " 6 " "	31 00	24 00
" 8-20, " 8 " " " " 6 " "	34 00	27 00
" 9-20, " 9 " " " " 6 " "	34 00	27 00
Waterfront.....		4 65
Couplings, per pair.....		1 00
Wood Fixtures, extra.....		1 50
High Shelf, No. 4 style.....		2 50

Size of Oven, 18 x 18 and 20 x 20.

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.



ABRAM COX STOVE CO.

WAYNE NOVELTY RANGE.

THE *Wayne Novelty* adds variety to our line and enables it to meet additional requirements.

At a less cost than the *Messenger Novelty*, it is a large and attractive range of superior quality and great cooking facilities.

With ventilated ovens 20 and 22 inches square, and tops with six 7, 8 and 9 inch holes, it has ample fire box and flue capacity to secure satisfactory operation under all conditions.

The fire box is fitted with a new and excellent modification of the celebrated Duplex Grate, so universally popular, and wood fixtures supplied where required.

To the convenience of a generous end hearth is added that superior fitting which insures perfect cleanliness.

With polished edges and nickel trimmings the name-panel and oven-shelf give life to a pleasing design and perfectly moulded castings.

Special care in mounting makes every one of these ranges absolutely right.

It is furnished in all the usual styles of a first-class range and suited to all the demands.

Water can be readily heated in the reservoir, the size of which has been greatly increased.

The waterfront supplies an abundance of hot water with circulating boilers.

See page 9 for price of Trimmings.



WAYNE NOVELTY RANGE.



Hard, Soft Coal, Coke or Wood.

WITH No. 4 HIGH SHELF, AS ABOVE.

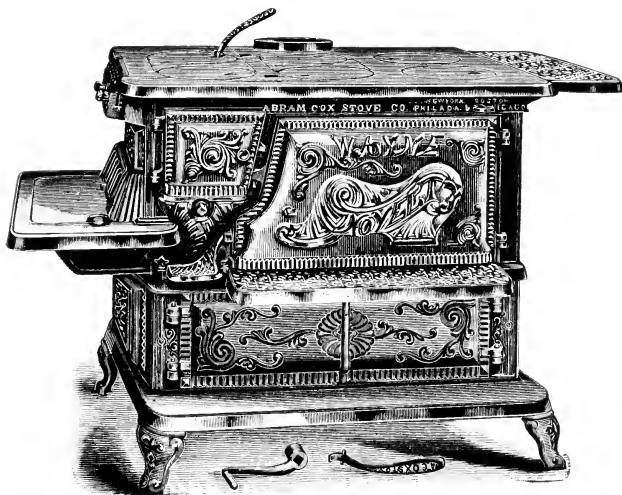
No. 7-20, six 7 inch Cooking Holes, Oven 20 x 20, use 6 inch pipe.....	\$25 50
“ 8-20, “ 8 “ “ “ “ 20 x 20, “ 6 “ “	25 50
“ 8-22, “ 8 “ “ “ “ 22 x 22, “ 6 “ “	28 50
“ 9-22, “ 9 “ “ “ “ 22 x 22, “ 6 “ “	28 50
High Closet.....	10 00
High Shelf, No. 4 style.....	2 50
Waterfront	4 65
Couplings, per pair.....	1 00
Wood Fixtures, extra.....	1 50

Guaranteed to bake in open air with four joints of pipe attached full size of collar.



ABRAM COX STOVE CO.

WAYNE NOVELTY RANGE.



Hard, Soft Coal, Coke or Wood.

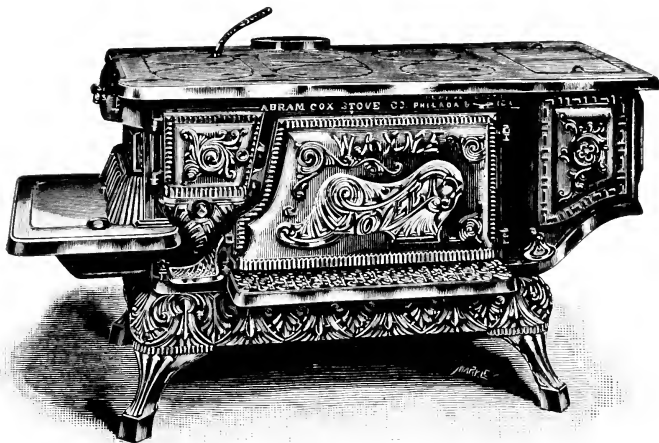
WITH LOW CLOSET, AS ABOVE.

No. 7-20, six 7 inch Cooking Holes, Oven, 20 x 20, use 6 inch pipe.....	\$27 00
" 8-20, " 8 " " " " 20 x 20, " 6 " "	27 00
High Closet.....	10 00
" Shelf, No. 4 style.....	2 50
Waterfront.....	4 65
Couplings, per pair.....	1 00
Wood Fixtures, extra.....	1 50

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.



WAYNE NOVELTY RANGE.



Hard, Soft Coal, Coke or Wood.

WITH RESERVOIR, AS ABOVE.

No. 7-20, six 7 inch Cooking Holes, Oven 20 x 20, use 6 inch pipe.....	\$30 00
“ 8-20, “ 8 “ “ “ “ 20 x 20, “ 6 “ “	30 00
“ 8-22, “ 8 “ “ “ “ 22 x 22, “ 6 “ “	33 00
“ 9-22, “ 9 “ “ “ “ 22 x 22, “ 6 “ “	33 00
High Closet.....	10 00
High Shelf, No. 4 style.....	2 50
Wood Fixtures.....	1 50

Guaranteed to bake in open air with four joints of pipe attached full size of collar.



ABRAM COX STOVE CO.

WAYNE NOVELTY RANGE.



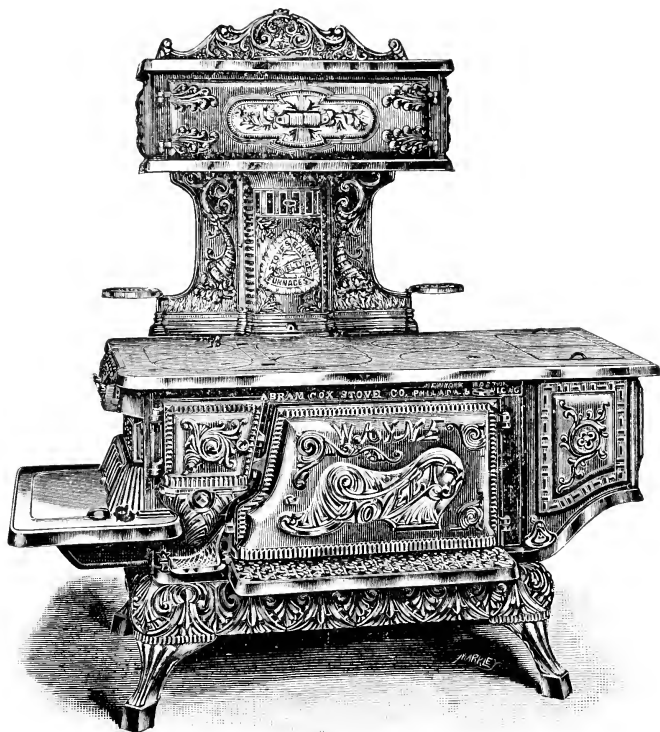
Hard, Soft Coal, Coke or Wood.

WITH RESERVOIR AND No. 4 HIGH SHELF AS ABOVE.

No. 7-20, six 7 inch Cooking Holes, Oven, 20 x 20, use 6 inch pipe.....	\$32 50
" 8-20, " 8 " " " " 20 x 20, " 6 " "	32 50
" 8-22, " 8 " " " " 22 x 22, " 6 " "	35 50
" 9-22, " 9 " " " " 22 x 22, " 6 " "	35 50
Wood Fixtures, extra.....	1 50

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.

WAYNE NOVELTY RANGE.



Hard, Soft Coal, Coke or Wood.

WITH RESERVOIR AND HIGH CLOSET, AS ABOVE.

No. 7-20, six 7 inch	Cooking Holes, Oven, 20 x 20, use 6 inch pipe.....	\$40 00
" 8-20, " 8 " " " " 20 x 20, " 6 " "	40 00	
" 8-22, " 8 " " " " 22 x 22, " 6 " "	43 00	
" 9-22, " 9 " " " " 22 x 22, " 6 " "	43 00	
Wood Fixtures, extra.....	1 50	

Guaranteed to bake in open air with four joints of pipe attached full size of collar.



ABRAM COX STOVE CO.

VALLEY NOVELTY RANGE.

DURING the *Four Years* this Range has been on the market its sales have increased more rapidly than any of its many competitors, while its popularity is greater to-day than ever before. This is due largely to the "staying qualities" it embodies, it being an established fact that the Valley Novelty requires less repairs and less attention than any other Range of similar construction.

The design is neat and appropriate, helping to furnish a kitchen nicely.

The castings are heavy and strong, insuring durability, and are brightly polished with but very little labor, because of the smoothness of the same.

The Fire Box is ample, fitted with superior Fire Tile and a perfect Duplex Grate, or has a Cast Lining for soft coal, or a rack for wood burning; a very large Ash Door permits the use of an *Ash Pan that catches all the refuse*. The Grate and Ash Door manipulated in front allows the Range to be set back in a fireplace in summer. The flues are very full, aiding the draft with any fuel, and with the Oven constructed on a new plan gives a much larger Oven than in Ranges of similar size and cost, while the baking is not to be surpassed.

The top has our non-warping Division Plates; excellent broiling facilities are provided, as well as pouch feed for soft coal.

In order to make this Range absolutely the best in every respect, we have this year placed the Waterfront on the Flue side of the Fire Box, so that the products of combustion are always playing against it. In this position it will heat more water than is possible when placed on the wing end.

The Nos. 7-18 and 8-18 are now made with *Left Hand Oven* and can be furnished promptly with or without High Shelf and Waterfront.

Reservoirs *cannot* be furnished with the *Left Hand Oven* Range.

A Range with a *Left Hand Oven* requires much less space in some kitchens, and is a great convenience, though the same in price.

A *Right Hand Oven* Range always sent unless otherwise ordered.

See page 9 for price of Trimmings.



VALLEY NOVELTY RANGE.



Hard, Soft Coal, Coke or Wood.

Nos. 7-18 and 8-18 furnished with Left Hand Oven when so ordered.

WITH WATERFRONT.

No. 7-18, six 7 inch Cooking Holes, use 6 inch pipe.....	\$26 90
" 8-18, " 8 " " " " 6 " "	27 90
" 8-20, " 8 " " " " 6 " "	30 40
" 9-20, " 9 " " " " 6 " "	31 40
High Closet.....	10 00
" Shelf, No. 4 style.....	2 50
Waterfront	4 65
Couplings, per pair.....	1 00

Nos. 7-18 and 8-18, \$1.00 less without Skirting.

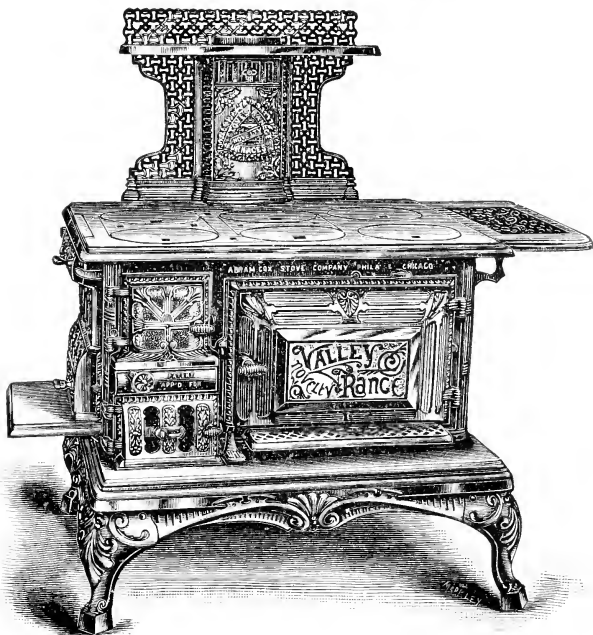
" 8-20 and 9-20, 1.25 " " "

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.



ABRAM COX STOVE CO.

VALLEY NOVELTY RANGE.



Hard, Soft Coal, Coke or Wood.

TOP FEED FURNISHED, IF DESIRED.

	With High Shelf, as above.	Less High Shelf.
No. 7-18, six 7 inch Cooking Holes, use 6 inch pipe.....	\$24 75	\$22 25
" 8-18, " 8 " " " " 6 " "	25 75	23 25
" 8-20, " 8 " " " " 6 " "	28 25	25 75
" 9-20, " 9 " " " " 6 " "	29 25	26 75
High Closet.....	10 00	
" Shelf, No. 4 style	2 50	
Waterfront.....	4 65	
Couplings, per pair.....	1 00	

Nos. 7-18 and 8-18, \$1.00 less without Skirting.

" 8-20 and 9-20, 1.25 " " "

Size of Oven, 18½ x 19 and 20½ x 21.

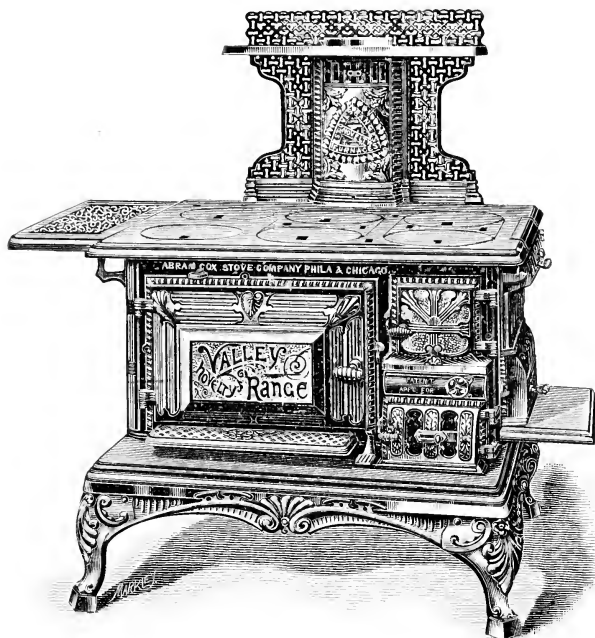
Length of Wood, 22 inches and 24 inches.

Nos. 7-18 and 8-18 with LEFT HAND OVEN when so ordered.

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.



VALLEY NOVELTY RANGE.



Left Hand Oven.

FURNISHED WITH TWO SMALLER SIZES ONLY.

	With High Shelf, as above.	Less High Shelf.
No. 7-18, six 7 inch Holes, use 6 inch pipe.....	\$24 75	\$22 25
" 8-18, " 8 " " " 6 " "	25 75	23 25
High Closet.....	10 00	
" Shelf, No. 4 style.....	2 50	
Waterfront.....	4 65	
Couplings, per pair.....	1 00	

Price, \$1 less without Skirting.

Size of Oven, 18½ x 19 inches. Length of Wood, 22 inches.

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.



ABRAM COX STOVE CO.

VALLEY NOVELTY RANGE.



Hard, Soft Coal, Wood or Coke.

Top Feed furnished, if Desired.

WITH RESERVOIR AND No. 4 HIGH SHELF, AS ABOVE.

No. 7-18, six 7 inch Cooking Holes, use 6 inch pipe.....	\$31 25
" 8-18, " 8 " " " " 6 " " "	32 25
" 8-20, " 8 " " " " 6 " " "	35 25
" 9-20, " 9 " " " " 6 " " "	36 25

Nos. 7-18 and 8-18, \$1.00 less without Skirting.

" 8-20 and 9-20, 1.25 " " "

Size of Oven, 18½ x 19 and 20½ x 21.

Length of Wood, 22 inches and 24 inches.

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.



VALLEY NOVELTY RANGE.



Hard, Soft Coal, Coke or Wood.

Top Feed Furnished, if Desired.

WITH RESERVOIR AND HIGH CLOSET, AS ABOVE.

No. 7-18, six 7 inch Holes, use 6 inch pipe.....	\$38 75
" 8-18, " 8 " " " 6 " "	39 75
" 8-20, " 8 " " " 6 " "	42 75
" 9-20, " 9 " " " 6 " "	43 75

Nos. 7-18 and 8-18, \$1.00 less without Skirting.

" 8-20 and 9-20, 1.25 " " "

Size of Oven, 18½ x 19 and 20½ x 21.

Length of Wood, 22 inches and 24 inches.

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.



ABRAM COX STOVE CO.

NEW SPLENDID RANGE.

AS a representative of new ideas, and what they accomplish, the New Splendid Range stands by itself, nothing existing like it or to be classed with it.

It verifies again our assertion that greatly superior goods can be produced and sold at less than the ruling market price by condensing and reducing ideas into practical form.

The New Splendid marks a new era in stove construction, presenting at an attractively low price a Range of large cooking capacity and guaranteed operation under all conditions.

Its unprecedented popularity immediately on its introduction and the remarkable increase of its sale throughout the three years it has been before the public, proves clearly that good goods make their own market: for no stove ever made such a hit or became such a favorite in so short a time.

With Ovens 18 and 20 inches square, ventilated, and Tops with six 7 inch, 8 inch, or 9 inch cooking holes, and the generous Fire Box and Flue capacity, perfect convenience and results are insured. One of the greatest features is the fact that the Ash Pit is provided with an extra large Door, and is so constructed that all the refuse from the fire must fall into the ample Ash Pan, entirely avoiding the disagreeable task of cleaning.

It is the one Range without an end Ash Pit from which the ashes can be removed without labor or dirt.

The Duplex Grate is used and is now made so that by taking out four bolts a new grate can be put in from the ash pit without disturbing the waterfront, bricks or brick rest. This new feature will be appreciated as an improvement of great value. This, with the heavy substantial Fire Brick, perfectly equip the Fire Box for coal, while an excellent grate is provided for burning wood.

The Top has our celebrated Cut Centre.

The Reed Damper is used and perfectly controls the draft.

It is furnished in all the different modifications of the highest price goods.

See page 9 for price of Trimmings.

NEW SPLENDID RANGE.



	With No. 4 High Shelf, as above.	Less High Shelf.
No. 7-18, six 7 inch Holes, Oven, 18 x 18, use 6 inch pipe...	\$20 50	\$18 00
" 8-18, " 8 " " " 18 x 18, " 6 " " ...	21 00	18 50
" 8-20, " 8 " " " 20 x 20, " 6 " " ...	23 50	21 00
" 9-20, " 9 " " " 20 x 20, " 6 " " ...	24 50	22 00
High Closet.....	10 00	
" Shelf, No. 4 style.....	2 50	

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.



ABRAM COX STOVE CO.

NEW SPLENDID RANGE.



Low Hot Closet furnished with only the two smaller sizes.

WITH No. 4 HIGH SHELF AND LOW CLOSET, AS ABOVE.

No. 7-18, six 7 inch Holes, Oven 18 x 18, use 6 inch pipe.....	\$24 50
" 8-18, " 8 " " " 18 x 18, " 6 " "	25 00
High Shelf, No. 4 style.....	2 50
Waterfront	4 65
Couplings, per pair.....	1 00

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.



NEW SPLENDID RANGE.



WITH WATERFRONT.

No. 7-18, six 7 inch Holes, Oven, 18 x 18, use 6 inch pipe.....	\$22 65
“ 8-18, “ 8 “ “ “ 18 x 18, “ 6 “ “	23 15
“ 8-20, “ 8 “ “ “ 20 x 20, “ 6 “ “	25 65
“ 9-20, “ 9 “ “ “ 20 x 20, “ 6 “ “	26 65
Waterfront	4 65
Couplings, per pair.....	1 00

Guaranteed to bake in open air with four joints of pipe attached full size of collar.



ABRAM COX STOVE CO.

NEW SPLENDID RANGE.



WITH RESERVOIR AND No. 4 HIGH SHELF, AS ABOVE.

No. 7-18, six 7 inch Holes, Oven, 18 x 18, use 6 inch pipe.....	\$27 00
" 8-18, " 8 " " " 18 x 18, " 6 " "	27 50
" 8-20, " 8 " " " 20 x 20, " 6 " "	30 50
" 9-20, " 9 " " " 20 x 20, " 6 " "	31 50

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.



NEW SPLENDID RANGE.



WITH RESERVOIR AND HIGH CLOSET, AS ABOVE.

No. 7-18,	six 7 inch Holes,	Oven, 18 x 18,	use 6 inch pipe.....	\$34 50
" 8-18,	" 8 " " " "	18 x 18,	" 6 " "	35 00
" 8-20,	" 8 " " " "	20 x 20,	" 6 " "	38 00
" 9-20,	" 9 " " " "	20 x 20,	" 6 " "	39 00

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.



ABRAM COX STOVE CO.

SPLENDID RANGE.

GO where you will, and you will not only find this favorite Range, for there are very many in use, but you will always find it praised for the excellent satisfaction that it gives on every point.

It was the first Range of this particular style ever made, and on account of its extraordinary suitability to the general needs of all kitchens, many others soon followed, only to be left in the rear, for the progressive improvements of the old favorite still keeps it first in popularity.

It has had a thorough overhauling this year, and has been entirely redressed, which makes it quite new in appearance and handsomer than ever.

Furnished with a flat dumping and shaking grate which permits of the free use of a poker or a perfect working duplex grate, as ordered.

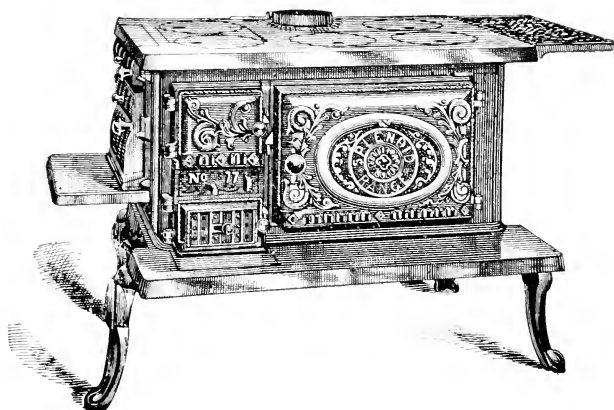
A large Waterfront furnishes hot water in abundance.

Tested 17 years.

Still the Favorite.



SPLENDID RANGE.



Its quality is above its price.

	Plain.	Trimmed.	Waterfront.
No. 77, five 7 inch Holes, use 5½ inch pipe.....	\$16 00	\$23 00	\$3 35
" 88, " 8 " " " 6 " "	19 00	27 00	4 00

Size of Oven, 16½ x 16½, and 18½ x 18½.

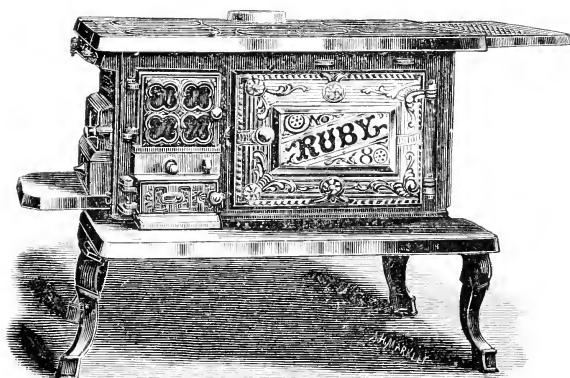
Size of Fire Box, 7½ x 13½, and 8 x 15½.

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.



ABRAM COX STOVE CO.

RUBY RANGE.



The new beauty, contributed by an entire change of the exterior, gives a new attractiveness to this range that is already a great favorite. With its style, finish, convenience and well-won reputation as a baker, it stands alone, superior to all rivals at the price.

	Plain.	Trimmed.
No. 6, five 6 inch Cooking Holes, use 5 inch pipe.....	\$11 50	\$18 00
" 7, " 7 " " " " 5 " "	13 50	20 25
" 8, " 8 " " " " 5½ " "	16 00	23 50

Size of Oven, 12½ x 13, 14¾ x 15 and 17 x 17.

Size of Fire Box, 5½ x 10, 6½ x 12 and 16¾ x 13.

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.



LANSDALE RANGE.



Neat in appearance and perfect in operation. Large cooking surface. Clinkerless Grate. A model Range.

No. 7, six 7 inch Cooking Holes, use 5½ inch pipe.....	\$13 00
" 8, " 8 " " " 5½ " "	15 00
" 7, Waterfront	3 35
" 8, "	4 00

50 cents extra on list for Duplex Grate.
Size of Oven, 14½ x 15 and 16½ x 17.

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.



ABRAM COX STOVE CO.

IONIC RANGE.



The addition of a low closet to this excellent range will greatly please those in search of something inexpensive and yet high grade in finish and superior in baking qualities.

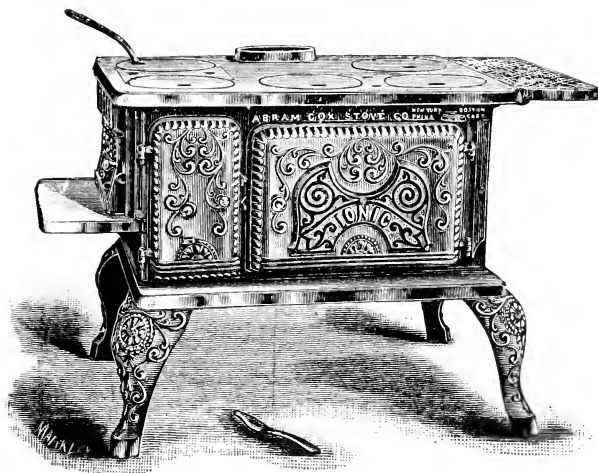
Made in one size only.

No. 8, five 8 inch Cooking Holes, Oven 18 x 18, use 5½ inch pipe.....	\$18 00
Waterfront.....	4 00

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.



IONIC RANGE.



There is always a demand for a cheap Range, yet just as much is expected of it as of high-priced goods, and it will be fully satisfied in the ***Ionic***.

The cut, dimensions and price, with the assurance of perfect operation, are its recommendation. Clinkerless Grate. Nickel Panel.

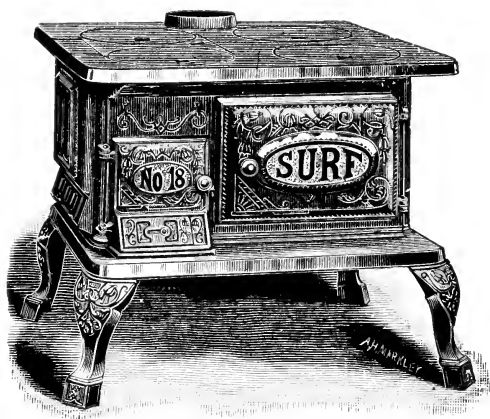
No. 6, five 6 inch Cooking Holes, Oven 14 x 14, use 5 inch pipe.....	\$10 00
" 7, " 7 " " " " 16 x 16, " 5 " "	12 00
" 8, " 8 " " " " 18 x 18, " 5½ " "	14 00
" 7, Waterfront.....	3 35
" 8, "	4 00

Guaranteed to bake in open air with four joints of pipe attached full size of collar



ABRAM COX STOVE CO.

SURF RANGE.



No. 16,	four	6 inch	Cooking	Holes,	use	4½	inch	pipe.....	\$7 00
" 17,	"	7	"	"	"	4½	"	"	8 00
" 18,	"	8	"	"	"	5	"	"	9 00

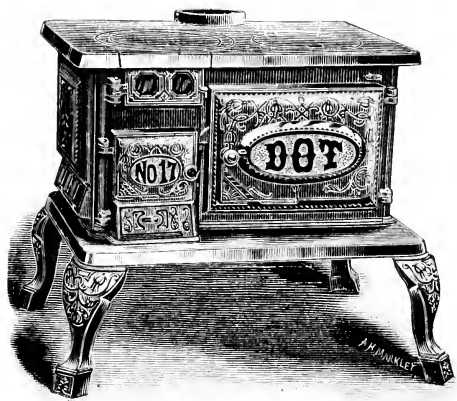
Size of Oven, 10 x 10½, 11¼ x 11½ and 12¼ x 12¼.

Size of Fire Box, 5½ x 8, 5¾ x 9 and 6¾ x 10.

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.



DOT RANGE.



No. 16,	two 6 inch Cooking Holes,	use 4½ inch pipe.....	\$6 25
" 17,	" 7 " " " " 4½ " "	7 25	
" 18,	" 8 " " " " 5 " "	8 25	

Size of Oven, 10 x 10½, 11½ x 11½ and 12¼ x 12¼.

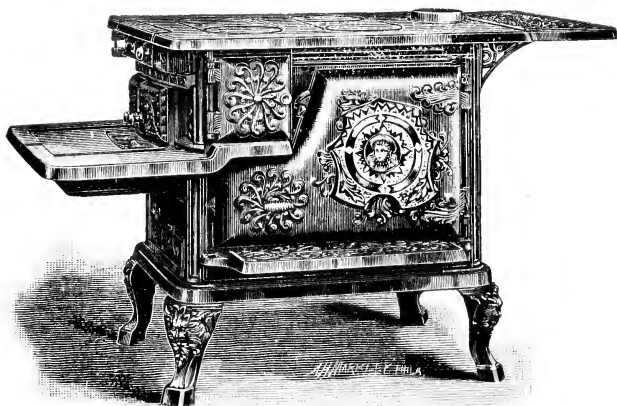
Size of Fire Box, 5½ x 8, 5¾ x 9 and 6¾ x 10.

Guaranteed to bake in the open air with four joints of pipe attached full size of collar,



ABRAM COX STOVE CO.

NEW NIAGARA COOK.



Nothing Larger in the Market of its Grade.

	With Ware.	Trimmed.
No. 72, four 7 inch Cook Holes, use 6 inch pipe.....	\$22 00	\$27 50
" 82, " 8 " " " " 6 " "	26 00	32 00
" 92, " 9 " " " " 6 " "	30 00	37 00

50 cents less for Wood.

The No. 4 High Shelf, at \$2.50, shown on page 9, fits all sizes.
 Size of Oven, 16 x 20, 18 x 22½, 20 x 24½, and 21½ x 26.
 Size of Fire Box, 7¾ x 15½, 8½ x 17¾, 10 x 19¾, and 10 x 22.
 Length of Wood, 22 inches, 24 inches, 26½ inches, 28 inches.

No. 10 NIAGARA.

This old stove is still kept in stock and is well suited, by its large size, to hotels and restaurants.

	With Ware.	Trimmed.
No. 10, four 10 inch Cooking Holes, Oven 24 x 28.....	\$37 00	\$45 00

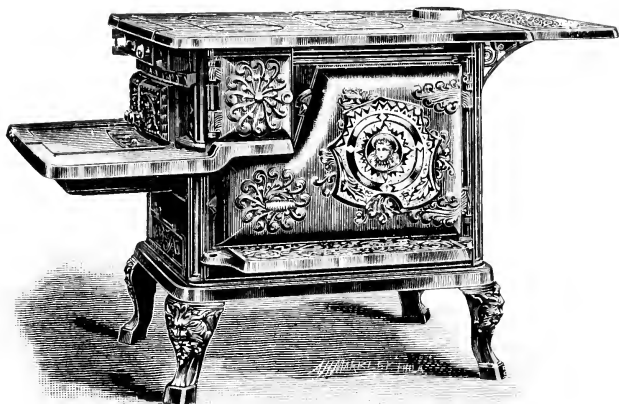
50 cents less for Wood. Burns 29 inch Wood.

Size of Fire Box, 24 x 10 inches.

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.



QUAKER CITY COOK.



										With Ware. Trimmed.	
No. 62,	four 6 inch Cooking Holes,	use 5½ inch pipe.....	\$16 00							\$21 25	
" 72,	" 7 "	" " " 5½ " "	19 00							24 50	
" 82,	" 8 "	" " " 6 " "	23 50							29 50	
" 92,	" 9 "	" " " 6 " "	27 75							34 75	

50 cents less for Wood.

The No. 4 High Shelf, shown on page 9, at \$2.50, fits all sizes.

Size of Oven, 15 x 18½, 16 x 20, 18 x 22½ and 20 x 24½.

Size of Fire Box, 7½ x 14½, 7¾ x 15½, 8½ x 17¾ and 10½ x 19¾.

Length of Wood, 20½ inches, 22 inches and 26½ inches.

Guaranteed to bake in the open air with four joints of pipe attached full size of collar.



ABRAM COX STOVE CO.

Cuisine Wrought Steel Range.

NEW IDEAS IN THE BEST FORM. HIGH GRADE IN EVERY PARTICULAR.

RANGES ARE FURNISHED

FROM TWO AND A HALF FEET TO ONE THOUSAND FEET IN LENGTH FOR

Restaurants, Hotels and Public Institutions.

LARGE COOKING CAPACITY. OPERATING QUALITIES GUARANTEED.
GRATE RENEWED WITHOUT DISTURBING WATERBACK OR FIRE
BRICK. TOP MADE IN SECTIONS. BALANCED OVEN
DOOR. CONSTRUCTION AND FINISH PERFECT.

THE Cuisine is one of our newest productions, and is made on entirely original ideas of construction and ornamentation.

To make it absolutely the best, a careful study has developed a perfect construction, above the standard and alone in superiority, while in addition the material used is the best that can be procured, and the workmanship is of the highest standard.

In appearance the Range is all that could be desired. The bold design, beautiful nickel and polished edges give a result that is truly grand and superb.

The fire box is large, and is a very excellent arrangement for anthracite coal, while the standard pouch feed can be adjusted for bituminous coal by a slight change in the front. The duplex grate is used in both cases, and can be replaced without disturbing the brick rest, waterback or fire bricks. A waterback of peculiar construction is placed in the rear of the fire box and on the flue side, where it makes hot water in abundance.

The oven is large, and the ample flues are lined with asbestos, utilizing all heat and insuring economy of fuel. The oven and other doors are balanced in the best possible manner.

The top is furnished with interchangeable plates.

A handsome high shelf is one of the appointments that is generally used, and a high hot closet in addition to the low closet that is furnished in every Range is not less popular.

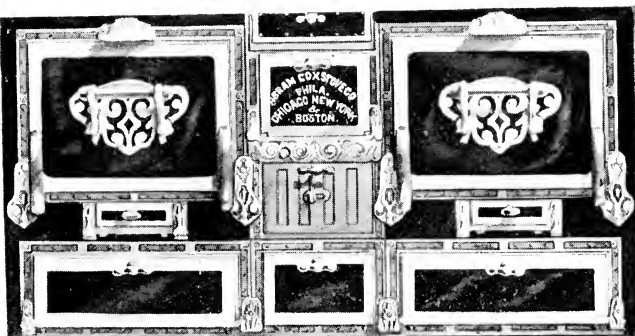
A large canopy of handsome workmanship, and appropriately ornamented, carries off heat and odors from the kitchen.

The Cuisine is a perfect apparatus for the kitchen of a modern residence, and being adapted equally well for either hard or soft coal or natural gas, it is not limited in its scope of usefulness.

A specialty has been made of meeting the necessities of Hotels, Restaurants and Public Institutions, and the Cuisine can be furnished in sizes to suit the requirements.



CUISINE WROUGHT STEEL RANGE.



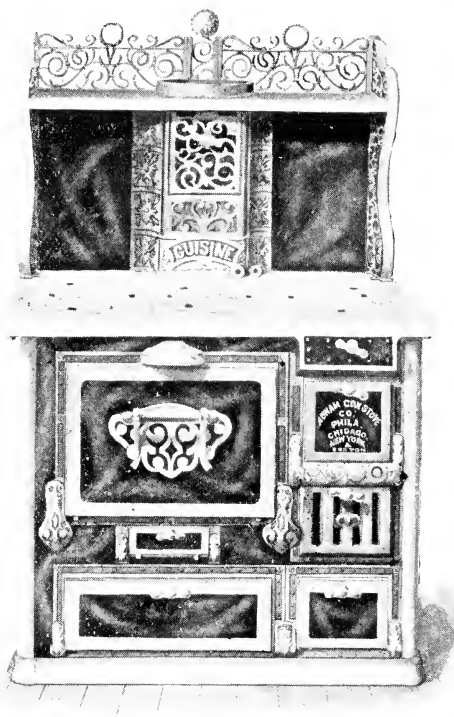
Double Oven.

RANGE GIVEN.								
No.	Cooking Holes.	Cooking Surface.	Oven.	Range.	High Shelf.	Water-back.	Complete.	
7-16, ten	7 inch,	30 x 55,	16 x 20 x 13	\$82 00	\$9 00	\$9 00	\$100 00	
8-16, " 8 "		30 x 55,	16 x 20 x 13	82 00	9 00	9 00	100 00	
7-18, " 7 "		31 x 61,	18 x 22 x 13	100 00	11 00	9 00	120 00	
8-18, " 8 "		31 x 61,	18 x 22 x 13	100 00	11 00	9 00	120 00	
8-20, " 8 "		33 x 70,	20 x 24 x 13	125 00	13 00	9 00	147 00	
9-20, " 9 "		33 x 70,	20 x 24 x 13	125 00	13 00	9 00	147 00	
			Nos. 7-16.	8-16.	7-18.	8-18.	8-20.	9-20.
High Closet.....			\$16 00	\$16 00	\$17 00	\$17 00	\$18 00	\$18 00
Canopy.....			20 00	20 00	24 00	24 00	30 00	30 00



ABRAM COX STOVE CO.

CUISINE WROUGHT STEEL RANGE.



Single Oven, Left Hand.

No.	Cooking Holes.	Cooking Surface.	Oven.	Range.	High Shelf.	Water-back.	Complete.
7-16,	six 7 inch,	30 x 35,	16 x 20 x 13.....	\$43 00	\$6 00	\$6 00	\$55 00
8-16,	" 8 "	30 x 35,	16 x 20 x 13.....	43 00	6 00	6 00	55 00
7-18,	" 7 "	31 x 37,	18 x 22 x 13.....	52 00	7 00	6 00	65 00
8-18,	" 8 "	31 x 37,	18 x 22 x 13.....	52 00	7 00	6 00	65 00
8-20,	" 8 "	33 x 40,	20 x 24 x 13.....	66 00	8 00	6 00	80 00
9-20,	" 9 "	33 x 40,	20 x 24 x 13.....	66 00	8 00	6 00	80 00
Nos. 7-16. 8-16. 7-18. 8-18. 8-20. 9-20.							
High Closet.....		\$14 00	\$14 00	\$15 00	\$15 00	\$16 00	\$16 00
Canopy.....		16 00	16 00	20 00	20 00	24 00	24 00



CUISINE WROUGHT STEEL RANGE.



Single Oven, Right Hand.

Single Oven, Single Range				High Shelf.	Water-back.	Complete.			
No.	Cooking Holes.	Cooking Surface.	Oven.	Range.					
7-16,	six 7 inch,	30 x 35,	16 x 20 x 13.....	\$43 00	\$6 00	\$55 00			
8-16,	" 8 "	30 x 35,	16 x 20 x 13.....	43 00	6 00	55 00			
7-18,	" 7 "	31 x 37,	18 x 22 x 13.....	52 00	7 00	65 00			
8-18,	" 8 "	31 x 37,	18 x 22 x 13.....	52 00	7 00	65 00			
8-20,	" 8 "	33 x 40,	20 x 24 x 13.....	66 00	8 00	80 00			
9-20,	" 9 "	33 x 40,	20 x 24 x 13.....	66 00	8 00	80 00			
				Nos 7-16.	8-16.	7-18.	8-18.	8-20.	9-20.
High Closet.....				\$14 00	\$14 00	\$15 00	\$15 00	\$16 00	\$16 00
Canopy				16 00	16 00	20 00	20 00	24 00	24 00



ABRAM COX STOVE CO.

MODEL NOVELTY RANGE.

THE ORIGINATOR OF THE

SPLENDID IMPROVEMENT IN KITCHEN RANGES.

GREATER *conveniences and usefulness.* LESS *expense and trouble.* CERTAIN *operation and baking.*

The Pioneer of Ranges Without Brickwork.

Still the Leader with its New Variations.

For Wider Adaptability and More Complete Utility.

THE reception accorded this Range is a substantial compliment to our new idea, and is the incentive to increase its advantages and conveniences and to widen its adaptability to meet the varied requirements developed by its increasing popularity.

In doing away with a mass of hot bricks in the kitchen and the settling to spoil the draft caused by their weight and necessary piers in the cellar to support them, a substantial advantage is gained.

The expense, space required and quantity of material necessary, together with the trouble of getting a bricked-in Range set so as to operate properly, and a hot kitchen in summer are entirely avoided.

The chimney can be built with the house, and after the white coating is all done, a hearth can be laid, a hole cut in the chimney, into which the sheet iron collar is inserted, and the Range set in place, entirely completing the setting; and an ordinary workman can set four in less time than a skilled bricklayer with a helper can set one of the usual style, and there is never any doubt about perfect operation, while requiring much less space to set it.

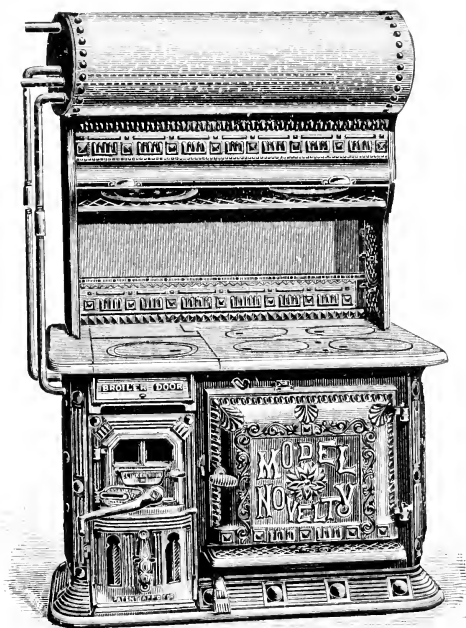
The popularity won by the splendid record of former years induced us this year to both beautify and improve the Model Novelty by an entirely new design and enlarged flue capacity. The new design is both pleasing and effective, and the flue capacity has been greatly increased by the addition of the ever popular *Sheet Flue*, which insures perfect operation.

In ordering, be careful to state whether you want a Range with Right or Left Hand Oven, Hot Air or Plain, and if a Boiler is wanted, whether it is wanted ten or twelve inch diameter, and black or galvanized.

	No. 17.	No. 18.
Plain, with Waterback only.....	\$21 00	\$24 00
“ “ “ Mantel, Back and Jambs only.....	25 00	28 00
Plain, with Waterback, Mantel, Back, and Jambs, and 3 x 10 Horizontal Black Circulating Boiler and iron pipe con- nections.....	33 00	36 00
Plain, with Waterback, Mantel, Back, and Jambs, and 3 x 12 Horizontal Black Circulating Boiler and iron pipe con- nections.....	36 50	39 50
Add to list for Hot Air Range.....	1 60	1 00
“ “ Galvanized Boiler.	2 25	2 25
Ground Joint Brass Couplings, per pair.....	1 00	1 00
Waterbacks, per piece.....	2 00	2 00



MODEL NOVELTY RANGE.



TWO SIZES—Nos. 17 and 18.

Right or Left Hand Oven. Plain or Hot Air.

WITH OR WITHOUT WATERBACKS.

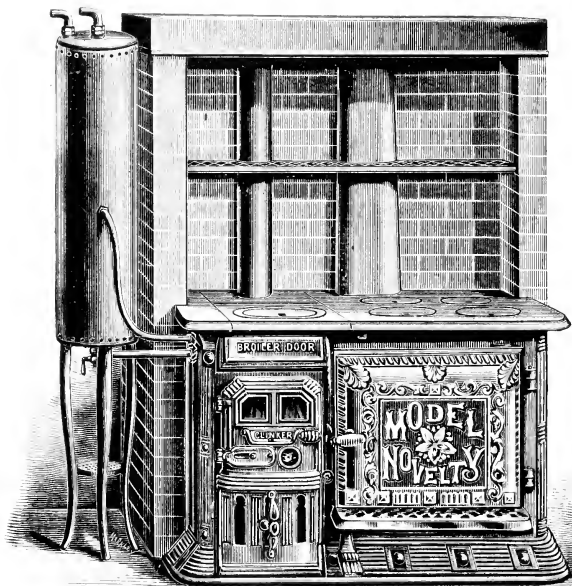
WITH OR WITHOUT MANTEL AND JAMBS

THE NEW STYLE SUITS ALL CASES.



ABRAM COX STOVE CO.

MODEL NOVELTY RANGE.



Perfectly Adapted to Brick Jambs.

Hot Water in Plenty, with Upright Boilers.

The Chimney may Stop at the Ceiling.

Smoke Pipe can Run up from the Top.

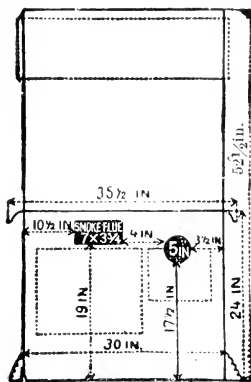
It will Satisfy any Demand.



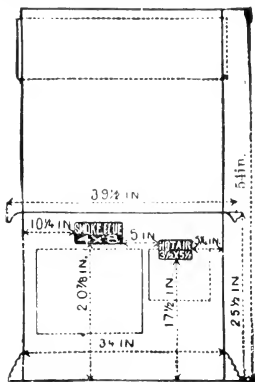
No Expert required to set.

MODEL NOVELTY RANGE.

Satisfactory Operation Certain.



No. 17, depth from front to back, 24 in.
(Back view, with dimensions.)



No. 18, depth from front to back, 26 in.
(Reverse Oven, same measurements)

IT decreases the cost of the plumbing and increases its durability. Either upright or horizontal back log or circulating boilers can be used and abundance of hot water supplied. The Waterback lays over the fire; ashes cannot collect against it; no hindrance to Fire Pot repairs. The pipe collar is reversible, and the pipe can run straight in from the back of the Range or up from the top without interfering with the boiler, and the chimney may stop at the ceiling.

The fire box of No. 17 is $8\frac{1}{2} \times 12 \times 8$ inches deep; the No. 18 $10 \times 13\frac{3}{4} \times 8\frac{1}{2}$ inches deep; has the flat dumping grate, to which easy access is gained, with a poker through the clinker door.

The whole Fire Top can be suspended, affording excellent broiling facilities.

Extra large hole directly over the fire, and four others to increase the cooking capacity.

The Oven of the No. 17 is $16 \times 18 \times 13$ inches high, and the No. 18 is $18 \times 20 \times 14$ inches high, and has extra large flues all around, insuring rapid draft, and by an ingenious contrivance can be thoroughly cleaned easily. The door is opened by the foot stepping on a lever.

Has large sheet flues.

An elegant Hot Closet is gained by resting the boiler on the jambs and enclosing the space above the warming shelf with a rolling cover.

If something is wanted that meets all the requirements of custom trade, the **Model Novelty** supplies it, being an infinitely better cooking apparatus of greater resources, at less expense, with less labor, and more reliable, than anything the market affords.



ABRAM COX STOVE CO.

SPLENDID KITCHENER RANGE.

ESPECIALLY ADAPTED TO THE BUILDER'S USE.

Guaranteed Satisfaction to the Consumer. ∴

∴ Nothing Made Meeting so many Varied Demands.

SCIENCE and experience are so embodied in this construction as to produce the best possible results for the least possible cost. Never before was such a low price put on an article of such varied use, superior quality and assured success. Utility and convenience are combined in every detail. The bold design on the front, which covers the boiler, adds greatly to the attractiveness of the range and keeps the hot boiler out of the cook's face, and, in addition, gives the increased facility of the top mantel. The front is cast in one piece, and, in consequence, the range can be easily set by one man. It occupies less space than any range of similar construction, as the pipes connecting the waterback and boiler are entirely within the body of the range. The sides and back are on a perpendicular from the top of the mantel to the bottom of the range, doing away with the side extension strips so frequently used. The side jambs are set into sockets, no bolts being used, and are adapted to upright boilers if required. The fire box is 7 x 14½ x 9 inches deep on the No. 7, and 8 x 16 x 9 inches deep on the No. 8, and is made hot air and plain, and can be changed from one to the other with but very little trouble. Either the plain flat or duplex grate can be used, and both can be removed without disturbing the brickrest, waterback or fire bricks. The waterback is on the flue side, where it will make hot water in abundance. The oven is ventilated and is 16 x 16 x 11½ inches high on the No. 7, and 18 x 18 x 12 inches high on the No. 8. The large sheet flues insure perfect operation, and an excellent dust flue is an advantage.

The hot-air collar is 5-inch in diameter, and is on the back of the range only. The smoke collar takes 6-inch pipe oveled, and can come from off from either the top or back.

Height of range No. 7, 29 inches; No. 8, 29 inches.

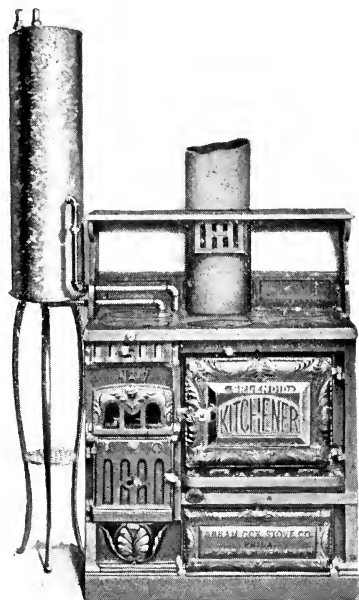
Height to top of mantel No. 7, 65 inches; No. 8, 65 inches.

Height to bottom of smoke collar No. 7, 24 inches; No. 8, 24 inches.

Height to bottom of hot-air collar No. 7, 20 inches; No. 8, 20 inches.



SPLENDID KITCHENER RANGE.



Right Hand Oven.

All Styles Furnished Hot Air or Plain and with Right or Left Hand Oven.

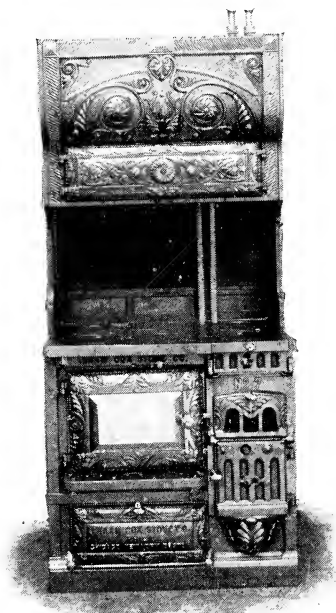
	No. 7.	No. 8.
Plain, with Base, Waterback and Top Shelf.....	\$19 50	\$22 50
“ “ and Waterback	16 50	19 50
“ “	14 50	17 50
Add to list for Hot Air Fixtures.....	1 00	1 00
“ “ Smoke Pipe, with Check Register to top of mantel..	50	50
“ “ Low Closet.....	1 00	1 00
Waterback	2 50	2 50

See page 132 for price of Boilers and Stands.



ABRAM COX STOVE CO.

SPLENDID KITCHENER RANGE.



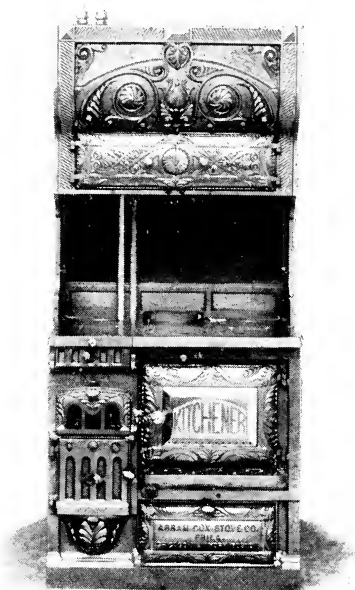
Left Hand Oven.

No Outside Pipes to Interfere.

	No. 7.	No. 8.
Plain, with Base, Plate Rack, Boiler Rest and Waterback.....	\$23 50	\$26 50
Plain, with Base, Plate Rack, Boiler Rest and Waterback and 3 x 10 Horizontal Black Boiler, with Iron Pipe connections...	31 50	34 50
Same as above, with 3 x 12 Boiler.....	35 00	38 00
Add to list for Hot Air Fixtures.....	1 00	1 00
“ “ Smoke Pipe, with Check Register to top of mantel..	50	50
“ “ Galvanized Boiler.....	2 25	2 25
Waterback	2 50	2 50
Gas Shelf, two Burners extra.....	3 00	3 00
Set of Iron Pipe connections for Boiler	1 50	1 50
Add to list for Upper Hot Closet Doors.....	1 00	1 00
“ “ Lower Hot Closet Door.....	1 00	1 00



SPLENDID KITCHENER RANGE.



Right Hand Oven.

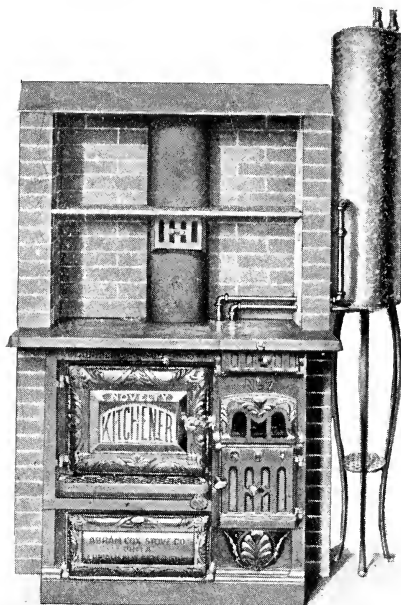
Meets all the Requirements of the Builder.

	No. 7.	No. 8.
Plain, with Base, Plate Rack, Boiler Rest and Waterback.....	\$23 50	\$26 50
Plain, with Base, Plate Rack, Boiler Rest and Waterback and 3 x 10 Horizontal Black Boiler, with Iron Pipe connections....	31 50	34 50
Same as above, with 3 x 12 Boiler.....	35 00	38 00
Add to list for Hot Air Fixtures	1 00	1 00
“ “ Smoke Pipe, with Check Register to top of mantel..	50	50
“ “ Galvanized Boiler.....	2 25	2 25
Waterback	2 50	2 50
Gas Shelf, two Burners extra.....	3 00	3 00
Set of Iron Pipe connections for Boiler.....	1 50	1 50
Add to list for Upper Hot Closet Doors.....	1 00	1 00
“ “ Lower Hot Closet Door.....	1 00	1 00



ABRAM COX STOVE CO.

NOVELTY KITCHENER RANGE.



Left Hand Oven.

This Range combines all the features of the Splendid Kitchen, and is perfectly suited to brick jambs.

Width between jambs, 30 and 33 inches respectively.

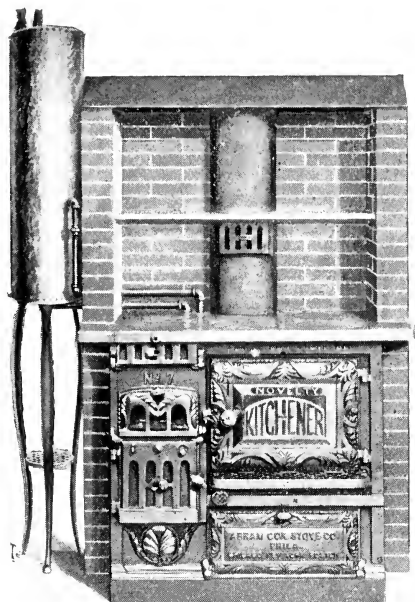
Height to top of Range, 29 inches on both sizes.

	No. 7.	No. 8.
Plain, with Base, Waterback and Warming Shelf.....	\$17 00	\$20 00
“ “ and Waterback.....	16 50	19 50
“ “	14 50	17 50
Waterback	2 50	2 50
Add to list for Hot Air Fixtures.....	1 00	1 00
“ “ “ Smoke Pipe, with Check Register to Mantel.....	50	50
“ “ “ Low Closet.....	1 00	1 00

See page 132 for price of Boilers and Stands.



NOVELTY KITCHENER RANGE.



Right Hand Oven.

No Space for Dirt to Collect.

Slides right into the Brick Jambs.

	No. 7.	No. 8.
Plain, with Base, Waterback and Warming Shelf.....	\$17 00	\$20 00
“ “ and Waterback.....	16 50	19 50
“ “	14 50	17 50
Waterback	2 50	2 50
Add to list for Hot Air Fixtures.....	1 00	1 00
“ “ “ Smoke Pipe, with Check Register to Mantel.....	50	50
“ “ “ Low Closet.....	1 00	1 00

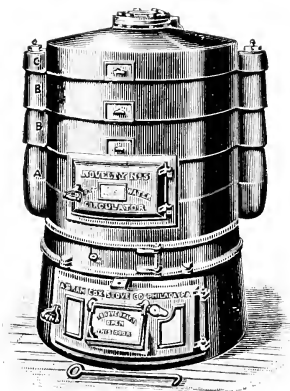


ABRAM COX STOVE CO.

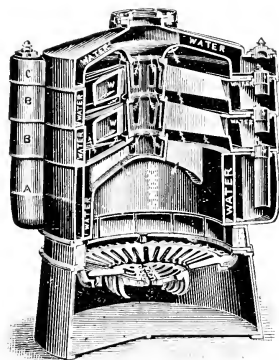
THE NOVELTY CIRCULATOR.

DURING the past two years "The Novelty Circulator" has been in continuous operation under all practical conditions which have given it the severest test, and as now placed before the public it is a perfect apparatus for house-heating.

Two views of the Novelty Circulator are presented herewith, one the exterior appearance, and the other a vertical section, showing the grate, fire-brick linings, water-ways, &c. There are also presented views of the parts of which the circulator is composed. Referring to the latter, it will be seen that there are five in



Exterior View of the Novelty Circulator.



Vertical Sectional View of the Novelty Circulator.

all, namely, the ash pit, the fire-brick lining, the fire box, the intermediate section and the top section. The ash pit, which is of liberal height, contains the grate, and is provided with doors of ample capacity for removing ashes. These doors, in turn, carry the draft doors, which are fitted with latches and adapted to be set as circumstances require. The centre of the grate is of the anti clinker variety, and is of such a form as to be revolved by a crank in a way to dump



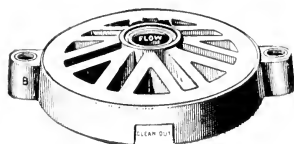
ashes, throw down clinkers, and that, too, without danger of dropping the fire. The outside part of the grate is arranged to shake by means of the shaking arm, shown in the cut. All the shaking may be done while the ash pit and clinker doors are closed, thus avoiding all dust.

The shell of the fire-brick lining is a circular frame joined at intervals by vertical partitions. The bricks occupy the spaces between these vertical partitions, and are put in place from the outside, an arrangement of parts permitting the exchange of an old brick for a new one without drawing the fire. This feature of construction is peculiar to this apparatus, and is of great advantage. The bricks are held in place by hollow frames of cast iron. The frame which holds the front brick is hinged, and is so arranged as to form a door, and gives access to the fire for cleaning, stoking, &c. It is provided with a bracketed shelf, which carries the lining-brick when the door is swung.

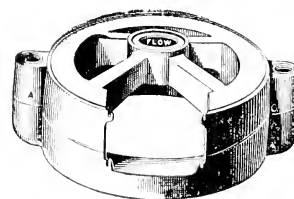
The fire box (A) is a casting containing two annular water-spaces around the fire, the inner one of which is connected by radial inclined arms with the central water-way immediately over the centre of the fire, while the other is connected with two outside water-ways in the lugs or projections at the sides. The return water of the system enters the outer annular space at the back of the fire box and passes around to the front, at which point the division between the two annular spaces is cut away. The central water-way and the two outside



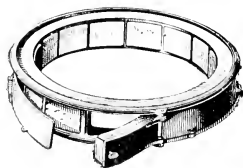
Top Section C.



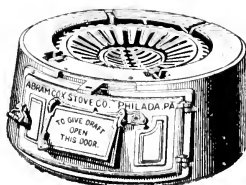
Intermediate Section B.



Fire-Box Section A.

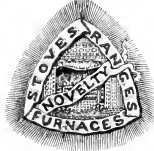


Fire-Brick Section.



Ash-Pit Section.

FIG. 23.—The sections Composing the Novelty Circulator.



ABRAM COX STOVE CO.

water-ways join corresponding parts in the section above, and thus provide a separate passage for the ascending and descending columns respectively.

The intermediate section (B) of the Novelty Circulator contains an annular water-space or water-jacket connected with the central column by radial arms, the spaces between the arms forming smoke passages. From the annular water-space lugs are extended at the sides which connect with corresponding lugs on the sections above and below. The radial arms in this section are so disposed as to be staggered over those of the fire box, thus presenting their surface to the radiant heat of the fire. Further, the opposite sides of this section are unlike; that is, the number of radial arms is odd, not even, and it is adapted to be used either face to the front. Where there is more than one intermediate section used they are reversed, thus continuing the staggered order mentioned. The central water-way joins the corresponding part of the fire box below and of the section above. The top section (C) of the Novelty Circulator is very much like the intermediate section just described, except that the radial arms are replaced by a continuous water-way, connected with the central ascending water-way, and also with the two outside descending water-ways in the lugs already referred to. All three of the water sections, namely, fire box, intermediate section and top section, communicate freely through the central ascending water-way, and through the two outside descending water-ways.

The several sections of the Novelty Circulator are joined together by means of nipples in the outside water-ways, as clearly shown in the sectional view. No bolts are used. The nipples project downwardly in the water-ways, as will be seen by an examination of the view just referred to, in a manner to afford additional safeguard against the mingling of currents of different temperatures.

In the arrangement of water-ways it will be seen that the Novelty Circulator completely answers the requirements of perfect circulation. It also meets the demands of good design, such as large direct fire surface, ample flue area, accessibility of flue surfaces for cleaning, easy water-ways and vertical circulation. It goes still further than this, for in the completeness of its adherence to natural laws this apparatus realizes an ideal development. This becomes manifest by an examination of the sectional view, and is thoroughly proven by its performance. In operation the water in the fire box is always lower in temperature than that in the upper sections. This is due to the rapidity of the internal circulation. The result



is the most economical working, because the relatively cooler water is always kept against the fire surface, thus taking up the maximum of heat.

By reason of its rapid and powerful circulation the Novelty Circulator can be depended upon to perform satisfactorily under conditions which render other forms of hot-water heating apparatus entirely inoperative. It circulates water in a system on the same level with the boiler, with an open expansion tank as low as five feet above the top of the circulator, and with all the radiating surface below the top of the circulator, and much of it below the fire box. This is a feat quite beyond the power of any other construction now known.

To what do these things point? Not to the discovery of a new principle, but to the proper application of principles that are as old as nature—principles which all designers of hot-water boilers have recognized in some degree, but to the realization of which none have previously found the key. These principles may be briefly stated, as follows: The separation of the ascending from the descending columns and providing each with proper ways, the maintenance of the greatest difference of temperature between them, and prevention of equilibrium by difference in the levels of the columns.

The operation of the Novelty Circulator may be briefly described, as follows: With the parts arranged as described, and a fire built upon the grate, circulation begins instantly. Particles of water in the bottom of the central column immediately over the fire become rarified, and are driven forward by the weight of the colder columns at the sides of the boiler pressing downwardly and through the passages. As the particles of water which have become warm or rarified leave the fire surface and start in their upward course, their places are filled with particles of colder water advancing through the inclined water-ways leading to the central column. In turn, particles of water which become heated in the water-ways of the several sections are similarly driven toward the central column through the free passages and upward in that direction. At the same time particles of colder water from the exterior columns advance into their places. As the heat of the fire increases, the circulation becomes more rapid.

Connections between sections, both central and at the outside, are such that complete circulation is maintained in each section independent of all others, and also in the whole apparatus as a unit. The downwardly projecting nipples in the exterior columns in combination with the inclined water passages in the sections, and the central column, serve to prevent an equilibrium between the two columns.



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The water of relatively low temperature is always at a lower level than the warmer water, both in the individual sections and in the apparatus as a whole, and at the same time it is in immediate contact with the fire surfaces. By reason of the descending water-ways which contain water relatively cool, being at the exterior of the circulator, combined with the central ascending passage directly over the hottest fire, all crossed or mixed currents of various temperatures are avoided. Hard firing only drives the circulation; in no case can it impede circulation. Steam serves to rarify or lighten the central column, and when produced against the fire surfaces moves forward instantly. It never remains in a way to retard heating, and if pressure should be generated it would exert its force in the direction of the least resistance, which is upward in the central passage, thus still further promoting circulation.

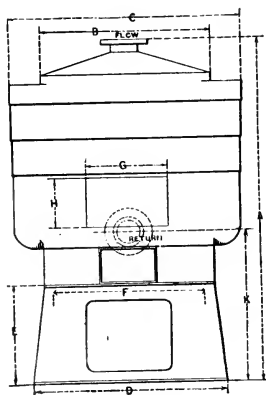


Diagram Key to Dimensions.

The Novelty Circulator is supplied of the sizes and dimensions shown in the table on the opposite page. The annexed diagram affords a key to the principal dimensions.

Each Circulator has one flow and one return pipe only, which are always of like diameters. Ratings are given for each size Circulator of both direct and indirect surface.

The Novelty Circulator, under all ordinary conditions of piping and distribution of radiation, is fully guaranteed to supply the radiating surface given opposite the several sizes in the table on opposite page.



TABLE OF DIMENSIONS, RATINGS, AND PRICES OF THE NOVELTY CIRCULATOR.

NUMBER.	1*	2*	3*	4	5	6	7	8	9	10	11	12	13	14	15	16*	17*	18*
Height in inches.....	43	48½	53½	44½	50	55½	47	52½	58½	50	56	62	52½	59½	65½	55½	62½	69½
Diameter in inches.....	22	22	22	24½	24½	24½	27½	27½	27½	31½	31½	31½	36½	36½	36½	40½	40½	40½
Width over all in inches.	32½	32½	32½	35	35	35	38	38	38	42	42	42	46½	46½	46½	50½	50½	50½
Diameter of ash-pit at base in inches.....	24	24	24	27	27	27	30½	30½	30½	35	35	35	40	40	40	44½	44½	44½
Height of ash-pit in inches.....	13½	13½	13½	14	14	14	14½	14½	14½	15½	15½	15½	15½	15½	15½	16	16	16
Diameter of fire-box in inches.....	16	16	16	19	19	19	22	22	22	26	26	26	30	30	30	34	34	34
Width of feed-door in inches.....	11	11	11	12	12	12	13½	13½	13½	14	14	14	14½	14½	14½	15	15	15
Height of feed-door in inches.....	8	8	8	8½	8½	8½	9	9	9	9½	9½	9½	9½	9½	9½	10	10	10
Height from floor to center of return in inches.	22½	22½	22½	23	23	23	24	24	24	25½	25½	25½	26	26	26	27	27	27
Diameter of flow and return in inches.....	4	4	4	4	4	4	4	4	4	5	5	5	6	6	6	6	6	6
Diameter of smoke-pipe in inches.....	7	7	7	7	7	7	8	8	8	9	9	9	9	9	9	10	10	10

RATING IN SQUARE FEET OF DIRECT RADIATING SURFACE.

250	300	350	350	425	500	500	625	750	950	1150	1400	1650	1950	2250
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------	------

RATING IN SQUARE FEET OF INDIRECT RADIATING SURFACE.

185	200	235	235	285	335	335	420	500	500	630	770	935	1100	1300	1500
387.50	100.	112.50	120.	135.	150.	155.	180.	205.	210.	240.	270.	280.	320.	360.	

Prices, F.O.B., Phila.

* In course of Construction. (If you are interested send for our Hot Water Treatise.)



ABRAM COX STOVE CO.

NOVELTY STEEL PLATE FURNACE.

IS THE ONLY BEST.

No Experiment. Eighteen Winters' Test. Thousands in Use.

UNIVERSALLY SATISFACTORY WITH ALL FUELS, IN ALL BUILDINGS.
IN ALL CLIMATES.

AFTER reading the above, it must be appreciated that only extraordinary merit would justify the assertion; yet being fully verified in the long test, the immense number sold, and by the continually increasing demand resulting from the superior results always secured, the correctness of the claim is established.

"*Our Furnace Book*" treats exhaustively of its merits in detail, and only a brief explanation of some features is given here to the casual observer, to whom all furnaces seem so nearly alike as to be equally excellent, yet in these supposed little differences and covered by patents lies the superiority of the results.

All furnace grates seem similar, yet here is one of the great points of superiority of the *Novelty*, as it is so constructed that twice the usual quantity of air enters the fire, and after having passed clear through the burning coals it is still rich in oxygen and hot; mingling readily with the gases and carbonized smoke right at the burning coal, the essential element of combustion being present, ignition takes place, consuming the gases and carbon in the smoke, effecting that perfection of combustion which insures the gain of an immense heat from a portion of the fuel that is usually wasted, and utilizing it by filling every part of the Furnace with a blue flame that is a positive heating force, so that

The Novelty Extracts the Greatest Possible Heat from the Fuel.

The crab construction being an original idea and carefully studied in production, naturally far surpasses in excellence any of the many imitations of the *Novelty*, which lack the intelligent construction which rightfully belongs to the originative mind.

The surface exposed by the crab construction and the superior combustion effected by the grate enable the *Novelty* to heat a given space with less fuel than is usually required, and to need less attention, for under perfect combustion fuel throws off a greater heat and for a longer time. This adds almost invincible durability, for the even temperature maintained does not overstrain any part to cause eventual destruction. These features

MAKE IT PERFECTLY SAFE TO CLAIM THAT THE

NOVELTY FURNACE,

With a given Quantity of Fuel under the
same Conditions,

WILL HEAT MORE SPACE

FOR A LONGER PERIOD OF TIME

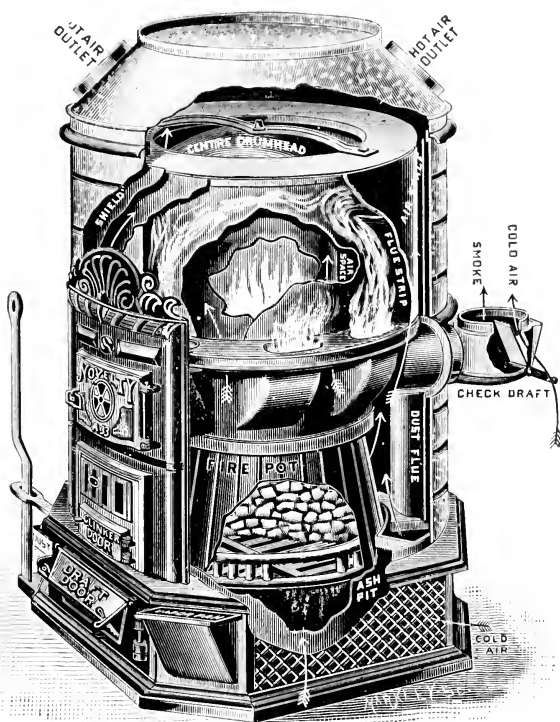
IN THE MOST SEVERE CLIMATE.

WITH LESS ATTENTION AND LESS WEAR.

Than any Competitor now in Use of the same Diameter of Casing.

REGARDLESS OF DIAMETER OF FIRE POT OR ORIGINAL COST.

NOVELTY STEEL PLATE FURNACE.



"A" Series.

A handsome, massive front lends new attraction to this favorite style of the **Novelty**, and the new check draft and its manner of attachment are superior improvements. To prevent complication in repairs, the letter A, before the number, is added and should never be omitted in ordering; on the three smaller sizes, the lower casing is now the same size as the upper one. There has been no change in the Grate Fire-pot or Crab.

No.	Casing.	Castings.	Castings Mounted	Finished with	Galvanized
			with	Galvanized Cas-	Iron Tops
			Steel Drums.	ings and Shields.	
No. A25, 25 inch	Casings.....	\$27 00	\$31 00	\$44 00	\$2 00
" A28, 28 "	" " " " " " " "	32 00	36 00	53 50	2 50
" A33, 33 "	" " " " " " " "	42 00	46 75	67 00	3 00
" A36, 36 "	" " " " " " " "	55 00	60 25	82 00	3 50
" A40, 40 "	" " " " " " " "	75 00	81 50	105 00	4 25
" 106, '48 "	" " " " " " " "	116 00	126 00	160 00	6 00
" 206, '52 "	" " " " " " " "	120 00	131 00	175 00	7 00

Send for "Our Furnace Book."

Dimensions of Galvanized Iron and Steel Plate Portions.

These sizes for drums and cases are very correct, and will facilitate making that portion while the castings are ordered or en route. The circumferences are neat, not allowing for laps or edges for riveting and grooving.

	Lower Galvanized Casting.	Middle Galvanized Casting.	Upper Galvanized Casting.	Lower Shield.	Middle Shield.	Upper Shield.	Outer Drum.	Middle Drum.	Centre Drum.	Height of Mounted Furnace.	Height of Finished Furnace.	Diameter of Base.	Diameter of Fire Pot at Top.	Diameter of Fire Pot at Bottom.	Depth of Fire Pot.	Diameter of Smoke Pipe.	Weight of Furnace.
A-25	Gauge of iron or steel recom'd	27	.....	24	.....	24	20	20	20	ft. in.	ft. in.	in.	in.	in.	in.	in.	
	Height	22 $\frac{1}{2}$	.....	17 $\frac{1}{2}$	.....	20	20	20	20	4-3	5-6	20X20	11	12	12	6	457
	Circumference, less lap at top.	6-11 $\frac{1}{4}$	.....	.....	.....	6-5 $\frac{3}{4}$	5-5 $\frac{1}{2}$	5-11 $\frac{1}{2}$	5-11 $\frac{1}{4}$	.....	.....	.....	.....	.....	.....	.....	.....
A-28	Gauge of iron or steel recom'd	27	.....	24	.....	24	20	20	20	4-5	5-8	32X32	13	14	12	6	545
	Height	24	.....	18 $\frac{1}{2}$	.....	20	20	20	20	.....	.....	.....	.....	.....	.....	.....	.....
	Circumference, less lap at top.	7-9 $\frac{1}{2}$	.....	.....	.....	7-9 $\frac{3}{4}$	6-5 $\frac{1}{2}$	5-11 $\frac{1}{2}$	5-11 $\frac{1}{4}$	.....	.....	.....	.....	.....	.....	.....	.....
A-33	Gauge of iron or steel recom'd	27	.....	24	.....	24	20	20	20	4-6 $\frac{1}{2}$	5-9	37X37	16	17	13	7	714
	Height	24	.....	20	.....	20	20	20	20	.....	.....	.....	.....	.....	.....	.....	.....
	Circumference, less lap at top.	9-1 $\frac{1}{2}$	.....	.....	.....	8-1 $\frac{1}{2}$	7-1 $\frac{1}{2}$	5-11 $\frac{1}{2}$	5-11 $\frac{1}{4}$	.....	.....	.....	.....	.....	.....	.....	.....
A-36	Gauge of iron or steel recom'd	27	.....	24	.....	24	16	16	16	4-8	5-10	37X37	19	17	13	7	768
	Height	24	.....	20	.....	20	20	20	20	.....	.....	.....	.....	.....	.....	.....	.....
	Circumference, less lap at top.	9-1 $\frac{3}{4}$	.....	8-7 $\frac{1}{2}$	.....	8-7 $\frac{1}{2}$	7-1 $\frac{1}{2}$	5-11 $\frac{1}{2}$	5-11 $\frac{1}{4}$	.....	.....	.....	.....	.....	.....	.....	.....
A-40	Gauge of iron or steel recom'd	26	.....	24	.....	24	16	16	16	5-0	6-3	46X46	22	20	15	7	1134
	Height	24	.....	20	.....	20	20	20	20	.....	.....	.....	.....	.....	.....	.....	.....
	Circumference, less lap at top.	10-5	.....	9-10 $\frac{1}{4}$	.....	9-9 $\frac{3}{4}$	8-1 $\frac{1}{2}$	5-11	5-11	.....	.....	.....	.....	.....	.....	.....	.....



WHAT SIZE NOVELTY TO BUY.

This is an important question, and much more easily and correctly answered by an expert on the spot who can consider the exposure, the location of the apparatus, the size of the flues, pipes and registers, the severity of the climate, &c.; but it is always good judgment to get a furnace of more than just enough capacity to do the work, and, with a view to assist in deciding this question, the following is written:

In a climate where the thermometer reaches from fifteen to twenty-five degrees below zero, the **NOVELTY** correctly located and properly set, with right sized pipes and registers, in well-built houses, will ordinarily carry out the specifications of the table:

Each Size	Using	Will heat the cubic feet of space as below.			While undivided as in churches, more as below.			With North or West air, tube not less than		
		4 to 6,000	1 to 3	5 to 7,000	12 in. diam.	or 10 x 12 sq.				
A—25	} Large Stove Coal	{ 6 to 9,000	{ 2 to 4	{ 7 to 12,000	{ 14	{ "	{ 12 x 14 "			
A—28										
A—33	} Large Stove and Egg, mixed	{ 10 to 15,000	{ 4 to 6	{ 12 to 20,000	{ 16	{ "	{ 12 x 17 "			
A—36										
A—40		13 to 18,000	5 to 7	17 to 25,000	18	"	" 12 x 22 "			
106		25 to 35,000	7 to 10	30 to 45,000	20	"	" 12 x 26 "			
206		40 to 50,000	13 to 17	60 to 90,000	24	"	" 14 x 32 "			
		40 to 50,000	13 to 20	60 to 90,000	26	"	" 18 x 30 "			



ABRAM COX STOVE CO.

IDEAL NOVELTY HOT AIR FURNACE.

HAVING gained the reputation of making the best Hot Air Furnace on the market, we have no hesitancy in recommending to you the *Ideal Novelty*, a new addition to our already extensive line of Furnaces.

Its general construction is identical with the *Novelty*, which for years has been acknowledged the best and most economical furnace manufactured. While the *Ideal* embodies all the many good points of the *Novelty*, it is profuse in good qualities peculiar to it alone.

The *Ideal* has a round base, and the casings run clear down to the base rim; or *cold air panels* are furnished when cold air is taken from the cellar.

The *draw centre grate* is used, and it is easily repaired, as the grate and rest slide out through the ash pit, without the removal of bolts or pins. The two bars which connect the grate and the shaking lever are made of *malleable iron*, the advantage of which can be readily seen.

The fire pot is extra heavy, and is increased in strength and heating surface by *large, protruding flanges*, or wings, which increases the *heating capacity* about *60 per cent*.

While the crab is of the same peculiar construction as the *Novelty*, we have enlarged the heating surface of the same, and materially improved the entire crab section. The upper drum-heads are rounded, and the steel drums fit into them on the inside of the flanges, thus overcoming the liability of any leakage of gas or dust.

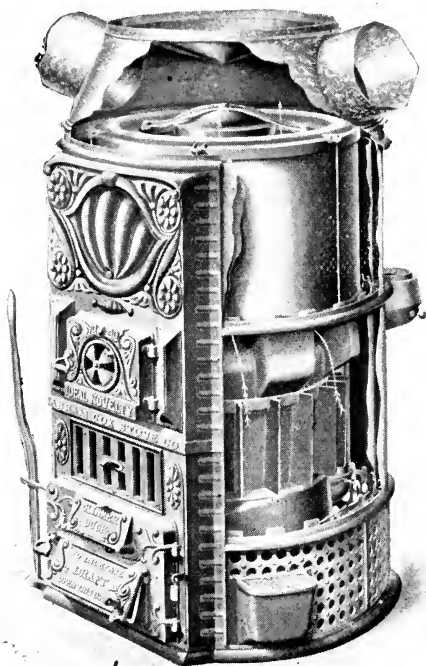
The easy method of setting the *Ideal* is one of its strong points. The bold and massive front reaches to the top of the furnace, covering the entire front, and saving time and expense in making the casings.

The casings are cut straight from top to bottom, and are bolted to the front on either side, thus saving the annoyance of cutting out from patterns. Two panels in the front—one near the top and one near the bottom—are readily taken out, and through which easy access is gained to bolt up the casings.

An examination of the cuts on the opposite page may make clearer to you the advantage of the features brought out in the above.



IDEAL NOVELTY HOT AIR FURNACE.



	Mounted with Steel Drums.	Finished with Galvanized Castings and Shields.	Cold Air Panels Extra.	Galvanized Iron Tops.
No. 32 ..	\$46 75	\$67 00	\$1 25	\$3 00
" 36 ..	60 25	82 00	1 50	3 50
" 40 ..	81 50	105 00	1 75	4 25
" 44 ..	100 00	130 00	2 00	5 00
" 48	(In course of construction.)			



ABRAM COX STOVE CO.

Ideal Novelty Combination Hot Air and Hot Water Heater.

IN placing Hot Air Furnaces it is often found impossible to heat certain rooms, on account of their exposure or their distance from the furnace, as hot air will not retain its heat sufficiently to admit of traveling long distances in horizontal pipes.

In order to adjust the furnace to the needs of such cases, we have placed on the market a

COMBINATION HOT AIR AND HOT WATER HEATER,

which enables the apparatus to be set close to the hot air flues, and yet, by means of the water connections, heat the most distant rooms successfully where hot air could not be carried. Thus it will be seen that a Combination Heater will very often fill the bill where a Hot Air Furnace would be a failure.

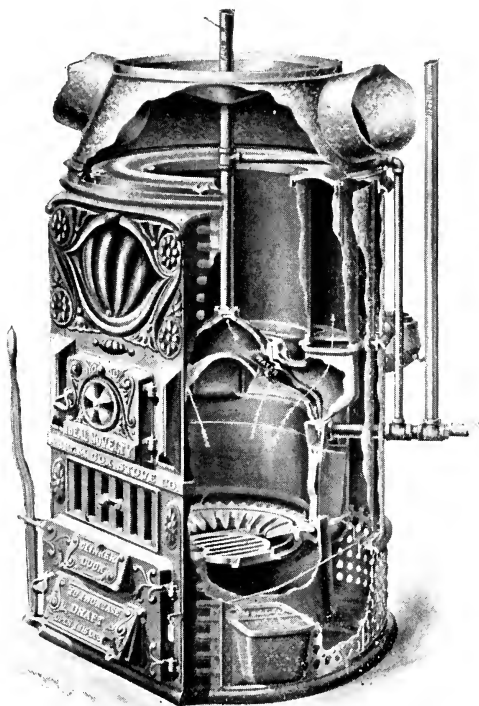
The "Ideal Combination Heater" is of the same general construction, with the exception of the water section, as the "Ideal Novelty Hot Air Furnace," a description of which is given on the preceding page.

The construction of the water section is such as to promote circulation, having, like the "Novelty Circulator," a complete circulation within itself, thus aiding the movement of the water in the entire system.

It is so located as to receive the direct radiation from the fire, as well as having the products of combustion continually playing against it, insuring its successful operation without interfering with the heating surfaces of the Furnace, thereby not materially reducing its capacity as a Hot Air Furnace.



IDEAL NOVELTY COMBINATION HOT AIR AND HOT WATER HEATER.



	Mounted with Steel Drums and Hot Water Attachment.	Finished with Galvanized Castings and Shields and Hot Water Attachment.	Cold Air Panels Extra.	Galvanized Iron Tops.
No. 36	\$85 00	\$106 00	\$1 50	\$3 50
" 40	112 00	135 00	1 75	4 25
" 44	135 00	165 00	2 00	5 00
" 48	(In course of construction.)			



A BRAM COX STOVE CO.

Ratings of the Ideal Hot Air and Combination Heaters.

In installing a Combination Heater, the spaces to be heated by hot water should be so arranged as to use at least the square feet of radiating surface apporportioned to each size in the table below :

Size.	Size coal recommended.	AS A COMBINATION HEATER			
		As a HOT AIR FURNACE ONLY will heat cubic feet of space as below.	Will heat by HOT AIR cubic feet of space as below.	Will heat by HOT WATER space as below. In cubic feet In square feet of direct radiating surface.	Total capacity of combination in CUBIC FEET .
32	} Large Stove and Egg, Mixed.	10,000 to 15,000			
36		15,000 to 20,000	12,000 to 16,000	7,000 175	19,000 to 23,000
40	} Egg Coal.	25,000 to 35,000	20,000 to 28,000	10,000 250	30,000 to 38,000
44		35,000 to 50,000	23,000 to 40,000	13,000 325	41,000 to 53,000
48					

(In course of construction.)



SECRETS OF SUCCESS IN HEATING WITH HOT AIR.

IT is advisable and always economical to use a larger furnace than will just do the work, as the saving in fuel and increased durability will show; it is also decidedly advantageous to use two smaller furnaces where the flues are irregularly located and considerably distant.

Houses are frequently built with a narrow front to economize space, but run back very deep, and when built in rows, as in cities, the rear portion is yet narrower, to get air and light, and still deeper, making the use of one furnace inadvisable. This is also applicable to country houses with a very broad front, with rooms each side of a hall, and the flues in the outer walls, where two furnaces will give much better satisfaction and results.

The furnace should be so located that the Hot Air Pipes will be of as nearly equal length as possible, *shortening*, if any, *those running toward the northwest or colder side of the house*, making their pitch or ascent as great as possible, never allowing them to run on a level, but dig down and lower the furnace, so as to preserve their decided elevation, which insures a more rapid flow of hot air, heating the building more easily and with less fuel. All bends in Hot Air Pipes should be made with round elbows and curves, as air follows a curved line infinitely more freely than an angular line, however easy; they also should invariably be round in shape, and those intended for heating down-stairs slightly greater in diameter than those for up-stairs, a 12 inch pipe being required for down-stairs, where a 10 inch pipe would be ample for the same size room above. The upright flues should be round, or square if possible. A flue 8 inches in diameter, or 7 x 7, is of immensely greater power, and has decided advantage over one 4 x 12. Hot Air Pipes are usually run directly into the upright flue, making a sharp, abrupt turn for the air. *This should not be.* Small or long narrow flues should be made larger at the bottom, with a round opening, so as the connection can be made by running a round elbow into the bottom, securing a free, easy passage for the air, securing its best effect and avoiding a loss of heat from slow passage to the register. No furnace will work satisfactorily without a liberal supply of pure cold air. When this air is taken from the cellar, see that the cellar is not hermetically sealed during the winter season. If the floor above is made cold by having a window open, take out one pane of glass and connect a pipe or tube with the opening, and run down to within 6 or 10 inches of the floor. This will enable the furnace to be supplied without discomfort above. When a cold air box or tube is used it should be provided with a damper (but this damper should be so made that when shut one-third of the box will be open), so that it can be partly closed when the wind is blowing directly into it, and in size it should be equal to at least two-thirds of the combined area of the hot air outlets.



SPLENDID NOVELTY FURNACE.

No Excuse for Using a Poor Furnace. The Best Low-priced Furnace Made.

THE originality of the construction of this furnace enables it to be sold **Low**, yet embraces so many excellent features and sterling qualities that it has more than met its requirements and has supplanted many first-class goods through sheer merit. It is endowed with a strong heating power, estimated after a five years' test as about 15 or 20 per cent. less than the Novelty. It has all the conveniences of high-grade goods, and well calculated to satisfy both dealer and consumer.

The Ash Pit is deep and strongly supported. The Grate is a superior draw centre, which can be operated while standing erect or its surface cleared with a poker. The Fire Pot is heavy and of a shape to prove durable, as well as to radiate profusely the heat. The Crab is very heavy and will stand the most severe test while exposing a great surface to heat the air. It supports two Steel Drums where the burning coals cannot destroy them, and where they effectually extract all the heat from the gases by securing an indirect passage to the exit. Hot cellars prevented by non-conducting casings and heavy shields. A Vapor Pan supplies moisture. It outclasses and surpasses the inferior imitations of the crab construction with which the market is now rife.

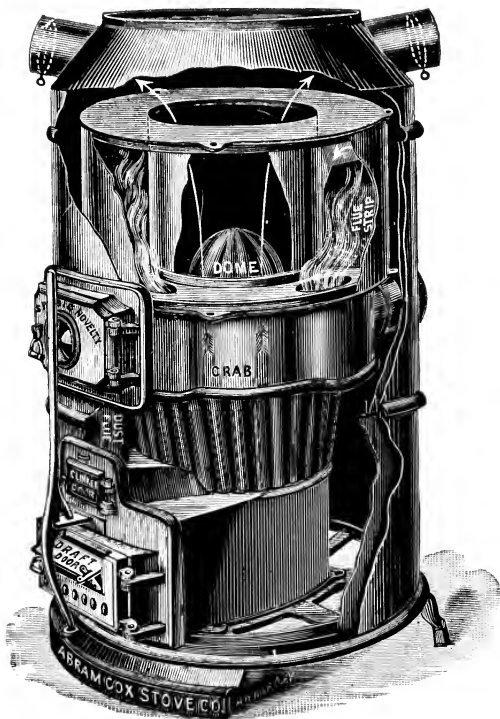
Dimensions.

We use No. 27 Best Bloom Galvanized Iron in the Casings of the first four sizes and No. 26 in the others, and No. 20 Malleable Steel in the Drums of the first three sizes and No. 16 on the others. The sizes given are very correct, so that the sheet-iron work can be finished while the castings are *en route*.

No.	These sizes do not include lap for riveting or grooving.	Circumference of Casing, less lap.	Height of Lower Casing.	Height of Upper Casing.	Lower Circumference of Shields, less lap.	Upper Circumference of Shields, less lap.	Height of Lower Shield.	Height of Upper Shield.	Height of Drums.	Circumference of Inner Drum at Top, less lap.	Circumference of Inner Drum at Bottom, less lap.	Circumference of Outer Drum at Top, less lap.	Circumference of Outer Drum at Bottom, less lap.	Diameter of Fire Pot at Top.	Diameter of Fire Pot at Bottom.	Depth of Fire Pot.
221	6-3 ¹ / ₂	16	22	24	4-1 ¹ / ₄	5-10	16	22	20	2-11 ¹ / ₂	2-11 ¹ / ₂	5-9 ¹ / ₄	5-9 ¹ / ₄	13	11 ¹ / ₄	9
222	7-3 ³ / ₄	16	24	24	5-2 ¹ / ₄	6-10 ³ / ₄	16	24	20	3-5 ⁵ / ₈	3-5 ⁵ / ₈	6-8 ¹ / ₂	6-8 ¹ / ₂	15	13	9 ¹ / ₂
223	8-1 ¹ / ₂	16 ¹ / ₂	24	24	6-3 ³ / ₄	7-11 ¹ / ₄	16 ¹ / ₂	24	20	4-1 ¹ / ₂	4-1 ¹ / ₂	7-7 ¹ / ₂	7-7 ¹ / ₂	17	15	9 ³ / ₄
226	9-1 ¹ / ₂	17	24	24	6-9	8-7 ¹ / ₂	17	24	20	4-7 ¹ / ₂	4-7 ¹ / ₂	7-7 ¹ / ₂	7-7 ¹ / ₂	20 ¹ / ₄	17 ¹ / ₂	10
240	10-5 ¹ / ₂	17 ¹ / ₂	24	24	7-7 ¹ / ₄	9-10 ¹ / ₄	17 ¹ / ₂	24	20	5-1 ¹ / ₂	5-1 ¹ / ₂	8-7 ¹ / ₂	8-7 ¹ / ₂	23	19 ¹ / ₂	10 ¹ / ₂
244	11-6	19	24	24	8-5 ¹ / ₄	10-10 ¹ / ₂	20	24	20	5-5 ⁵ / ₈	5-5 ⁵ / ₈	9-5 ⁵ / ₈	9-5 ⁵ / ₈	25	21	11



SPLENDID NOVELTY STEEL PLATE FURNACE.



The Construction is Original and the Simplest yet.
The Field Contains no Rival at the Price.

No.	Diam. of Casing.	Smoke-pipe.	Height of Furnace.	Size for Cold Air Tube.	Diam.	Castings Mounted with Steel Drums.*	Finished Complete.	Galvanized Iron Tops.
224	24 in.	6 in.	5-2	8 x 12 or 11 in...	\$14 00	\$17 00	\$32 00	\$2 00
228	28 "	6 "	5-5	10 x 12 or 12 "	19 00	22 50	40 50	2 50
232	32 "	7 "	5-5	12 x 14 or 15 "	26 00	30 00	51 50	3 00
236	36 "	7 "	5-6	12 x 18 or 16 "	38 00	42 75	67 00	3 50
240	40 "	8 "	5-10	12 x 22 or 18 "	51 00	57 00	85 00	4 25
244	44 "	8 "	6-2	14 x 24 or 21 "	65 00	73 00	107 00	5 00

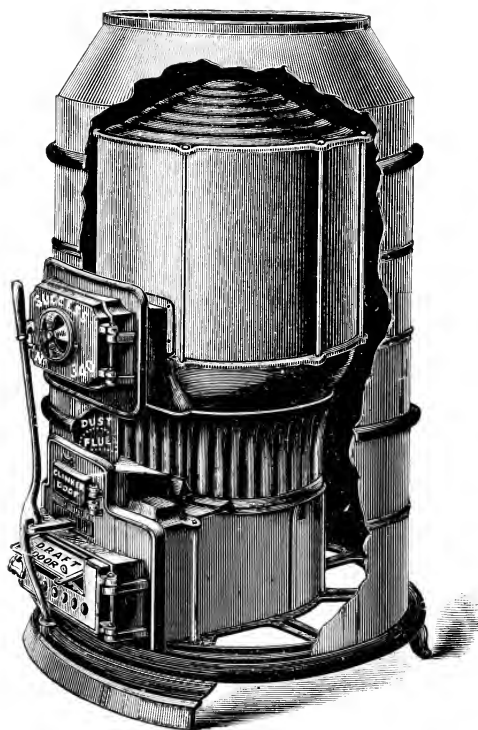
A very suitable Check Draft, at a low price, is shown on page 84.

* The most profitable way to buy.



ABRAM COX STOVE CO.

SUCCESS STEEL PLATE FURNACE.

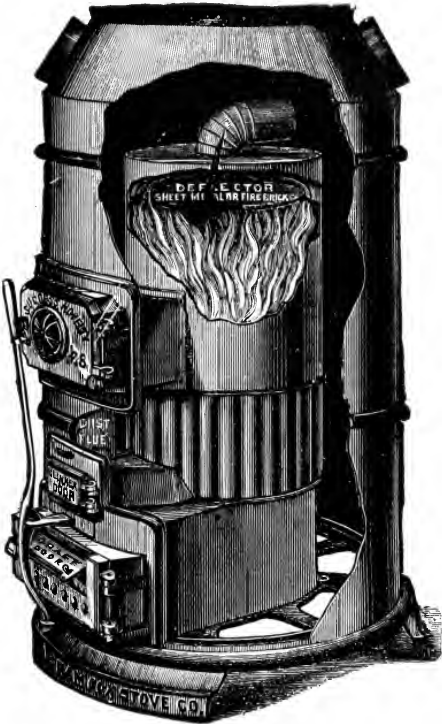


Draw Centre Grate.

Steel Dome.

		Castings.	Castings Mounted with Drum.	Finished.	Galvan- ized Iron Tops.
No. 332, 32 inch	Casings.....	\$25 00	\$28 50	\$41 00	\$3 00
" 336, 36 "	"	33 00	37 25	52 00	3 50
" 340, 40 "	"	44 00	50 00	67 00	4 25

SUCCESS NOVELTY STEEL PLATE FURNACE.



For a Cheap Furnace its Quality is Unrivalled.

	No. 324.	No. 328.	No. 332.
Castings, including Casing Rings.....	\$11 50	\$15 50	\$22 50
Castings, with Steel Drum.....	14 00	18 50	26 50
Finished complete.....	25 00	32 50	41 00
Galvanized Iron Tops.....	2 00	2 50	3 00

DIMENSIONS

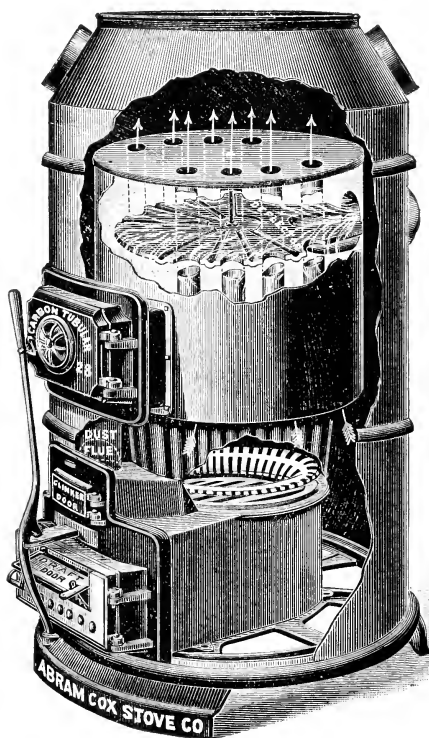
are very correct; the sheet iron parts may be made from them while the castings are *en route*; they do not allow for lap to groove or rivet.

Lower Casing.		No. 324.	No. 328.	No. 332.
Circumference, less lap.....		6-3½	7-3¾	8-4½
Height		16	16½	17
Upper Casing.				
Circumference, less lap.....		6-3½	7-3¾	8-4½
Height		22	24	24
Drum.				
Circumference, less lap.....		3-7⅛	4-3	4-9⅝
Height		24	24	24
Diameter of Fire Pot.....		12	14	16
Depth of Fire Pot.....		9	9½	10



ABRAM COX STOVE CO.

CARBON TUBULAR FURNACE.



To Meet Requirements of Contract Work.

Dealers who cater for the operation trade as well as custom work, will find this Heater perfectly adapted to their necessities. The price leaves no objection on this all-important point, and the construction adds numerous conveniences and some features of merit peculiar to this Tubular Heater alone.

	Castings.	Castings with Drums and Tubes.	Finished.	Galvanized Iron Tops.
No. 24.....	\$13 50	\$17 25	\$33 50	\$2 00
“ 28.....	18 00	22 00	42 00	2 50
“ 32.....	25 00	30 00	52 00	3 00



AJAX NOVELTY FURNACE.

A SPECIAL CONSTRUCTION FOR SOFT COAL.

*Extra Large Flues. Never Chokes Up. Perfectly Self-cleaning.
All Cast Iron. Strong and Heavy. Fewest Possible Joints.
Operation Entirely Successful.*

THE trouble in burning bituminous coals successfully has been to get rid of the immense quantity of soot-laden smoke produced and prevent its deposit; also to overcome the destructive power of the irregular expansion caused by a fire burning with fierce intensity at one point while comparatively cool at another, by suitable construction containing the fewest possible connecting joints of an absolutely tight and lasting character.

Simplicity and common sense are the secrets of the success attained.

The Fire Pot is heavy, corrugated and larger at the top, effecting strength, increased heating surface, and avoiding the expansive strain and power of the coking process by permitting the coke to expand and break naturally and burn regularly, maintaining an even temperature with much less attention and greater satisfaction.

By ingenious and novel construction the upper casting exposes an enormous space of natural air-heating surface, and provides four upright large smoke columns, leading from the fire chamber to a circular flue of ample capacity, through which the smoke passes to the outlet. The front column contains a damper which, open, gives as direct a draft as possible, or, when partly closed, insures all parts being heated, and a greater heat derived from a given quantity of bituminous coals, than has ever been previously obtainable. The size of the smoke columns has proved equal to carrying off the most rapid accumulation of smoke satisfactorily, and has made it possible to use a positive and efficient Check Draft that can be operated from up-stairs.

As a blaze runs clear up the smoke columns (as the result of the superior combustion secured), any sooty deposit is consumed, and fine ashes drop back into the Fire Pot, making it perfectly self-cleaning.

The connections made few in number, by careful devising, and of the deep-cut style, with double flanges, providing for a bed of cement for the parts to rest on, and plenty of room to cement around the parts, and then to cover with sand to prevent any possible escape.

It has a Dust Flue, Lever Agitating Clinkerless Grate, and all of the conveniences belonging to the first-class, high-grade furnace that it is.

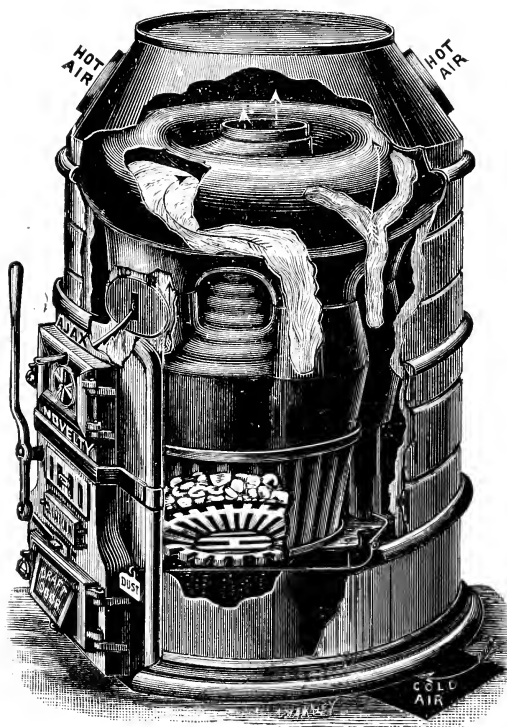
It is as well suited to burning hard coal as the best all-cast furnace in the market.

It is confidently expected to make its way through the force of its exceptional merit.



ABRAM COX STOVE CO.

AJAX NOVELTY FURNACE.



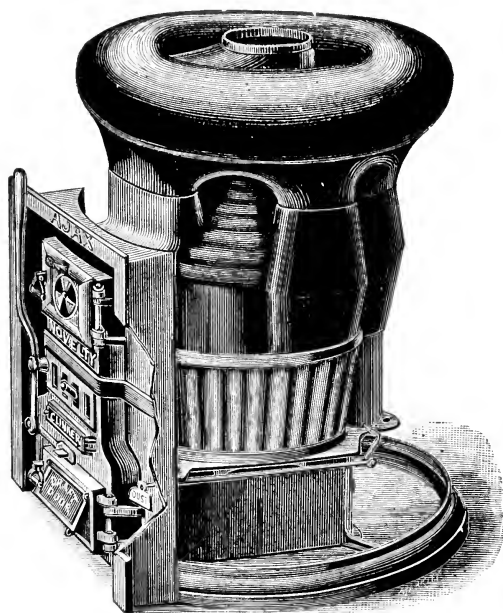
Soft or Hard Coal.

	Castings.	Finished with Galvanized Casings and Shields.
No. 40, 40 inch Casings.....	\$81 50	\$110 00
" 44, 44 " "	100 00	135 00

ABRAM COX STOVE CO.



AJAX NOVELTY FURNACE.

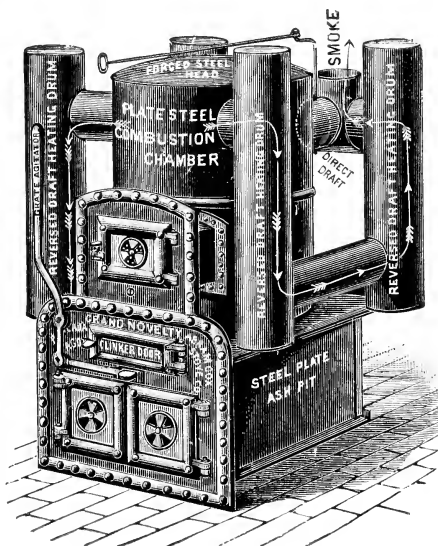


Cast Iron. Soft or Hard Coal. Brick Set Form.

	Castings.
No. 40.....	\$81 50
" 44.....	100 00

PRICE DOES NOT INCLUDE WATER PAN, MANHOLE DOOR, AND COVERING BARS,

GRAND NOVELTY FURNACE.



Direct and Indirect Draft.

BOLD FRONT.

SMOOTH CASTINGS.

SUPERIOR FINISH.

OUR four-way Collar and Damper effects cheaply a better construction, more powerful, requiring less strength of draft, and having the advantage of a direct draft at will.

Our Lever Agitating Grate, on rollers, works easily, ejecting fine ashes, or a poker clears its entire surface (unusual in brick heaters), while the Dust Flue prevents dirt.

It dumps the fire completely, and new grates are easily set through the ash pit.

Combustion is perfect by the large air supply of the grate and the diffused check current of the perforated plates in the feed door. All doors shut on double flanges, preventing any escape.

The Bed Plate is strengthened by wrought iron plates.

Our machinery enables a specialty to be made of the Steel Plate Body and Drums.

In ordering state specifically your wants, and you will find the standard of this Furnace unequalled.

INSIDE MEASUREMENT OF HOT AIR CHAMBER.

	No. 28.	No. 32.	No. 36.	No. 40.
Side to Side.....	5 ft.	5 ft. 4 in.	6 ft. 2 in.	6 ft. 10 in.
Front to Back.....	4 ft. 1 in.	4 ft. 4 in.	4 ft. 8 in.	5 ft. 2 in.

DIRECT DRAFT.

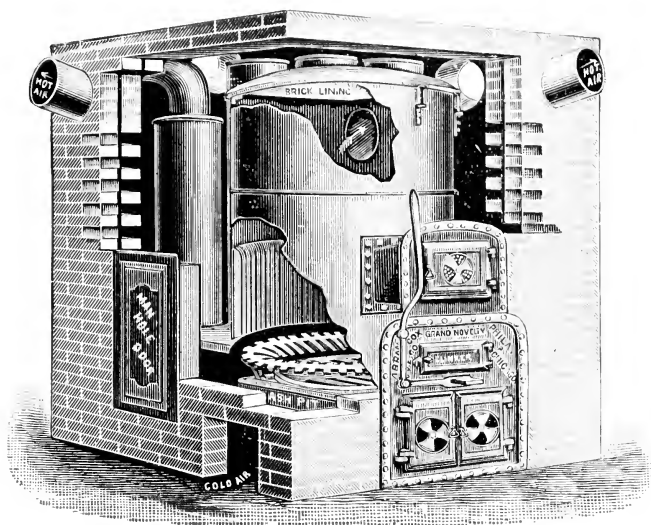
INSIDE MEASUREMENT OF HOT AIR CHAMBER.

	No. 28.	No. 32.	No. 36.	No. 40.
Side to Side.....	3 ft. 6 in.	4 ft. 2 in.	4 ft. 6 in.	5 ft.
Front to Back.....	4 ft. 2 in.	4 ft. 6 in.	5 ft.	5 ft. 8 in.

INDIRECT DRAFT.

Full directions for setting on pages 55 to 58 of Furnace Catalogue.

GRAND NOVELTY FURNACE.



Indirect Draft.

SIZE OF BODY AND PRICE.

	No. 28.	No. 32.	No. 36.	No. 40.
Prices of castings for INDIRECT DRAFT STYLE, including Front, Neck, Grate and Bed Plate, with Dust Flue, Man-hole Door, Water Pan and Drum Heads, less Covering Bars.....	\$26 40	\$29 20	\$32 70	\$38 25
Castings for DIRECT DRAFT STYLE, same as above, with Four-way Collar and Damper.....	26 75	30 45	34 20	39 75

PRICES FINISHED COMPLETE.

Finished, INDIRECT DRAFT STYLE, with Steel Body, and either Forged Steel Head or Cast Head, and set of four Steel Drums, with Cast Heads.....	62 00	69 00	76 00	88 50
Finished, DIRECT DRAFT STYLE, same as above, with Four-way Collar and Damper.....	63 25	70 25	77 50	90 00
Fire Brick, per set, in addition to above prices.....	5 00	5 50	6 00	6 50

"Finished price does not include Steel Ash Pit."

For General Convenience Prices of Separate Parts are Given Below.

Front, Neck, Grate and Bed Plate, complete, with Dust Flue	\$19 50	\$21 50	\$25 00	\$30 00
Drum Heads, per set.....	3 20	3 20	3 75	3 75
Man-hole Door	2 50	2 50	2 50	2 50
Water Pan and Cover.....	2 00	2 00	2 00	2 00

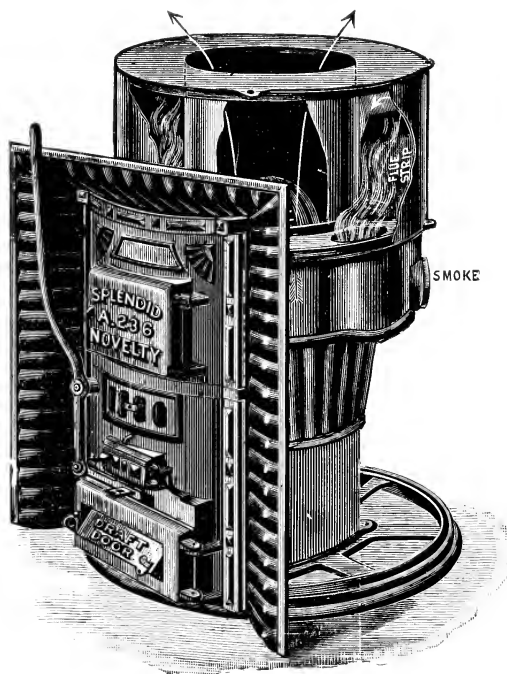
Covering Bars—Average Weight:

4 ft.	4½ ft.	5 ft.	5½ ft.	6 ft.	6½ ft.	
16 lbs.	19 lbs.	22 lbs.	24 lbs.	26 lbs.	28 lbs.	Net 3½ cents per lb.
Cast Head and Knee Pieces for Main Body.....	2 75	3 50	4 50	6 00		
Body of 14 or 12 Steel, with Forged Steel or Cast Head.....	25 00	29 00	33 00	38 00		
Four-way Collar and Damper for Direct Draft.....	1 25	1 25	1 50	1 50		
Set of Drums, with Cast Heads.....	13 00	14 00	14 00	16 00		
Steel Ash Pit.....	13 00	14 00	15 00	16 00		
Approximate number of Bricks required.....	2200	2500	3000	3600		



ABRAM COX STOVE CO.

SPLENDID NOVELTY FURNACE.



Brick Set Form.

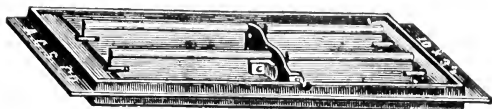
The general satisfaction given by this Furnace in the portable form insures its success in this form.

	Castings.	Castings Mounted with Steel Drums.
No. 232.....	\$29 00	\$33 00
" 236.....	41 00	45 75
" 240.....	54 00	60 00
" 244.....	68 00	76 00

PRICE DOES NOT INCLUDE WATER PAN, MANHOLE DOORS, AND COVERING BARS.

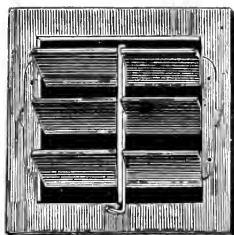


HOT AIR SUNDRIES.

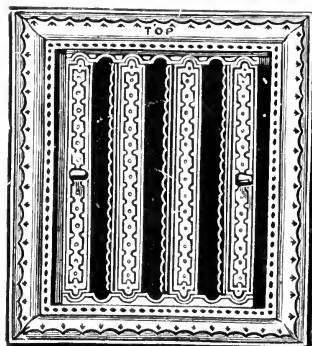


Tin and Brick Flue Dampers.

3 x 8.....	per piece, net, \$0	25	3½ x 10.....	per piece, net, \$0	30
4 x 8.....	" " "	30	4 x 12.....	" " "	40
2½ x 9.....	" " "	25			



Hot Air Dampers for Brick Flues.



Plain Registers.

Size of Opening.	Outside Measurement.	
4 x 6.....	6¾ x 8	net, \$0 23
4 x 9.....	6¾ x 11	" 30
4 x 12.....	6¾ x 14¾	" 40
6 x 6½.....	8½ x 8½	" 30
6 x 9.....	8½ x 11½	" 40
6 x 12.....	8½ x 14¾	" 45
8 x 8.....	10½ x 10½	" 40
9 x 9.....	11½ x 11½	" 55

6 x 10.....	net, \$0	48
8 x 10.....	"	58
8 x 12.....	"	69
8 x 14.....	"	76
9 x 12.....	"	76

Flue Damper, Rods, Knobs and Cups.

Rods, 2, 4, 6, 9 and 12 inch.....	each, net, \$0	04
Deep Porcelain Damper Cup.....	" " "	07
Nickel Damper Knobs.....	" " "	05
Shallow Porcelain Damper Cup.....	" " "	07



T-Damper Handles.

SOLID BRASS, NICKEL PLATED.

Price, each.....net, \$0 15



FIRESIDE.

Insures Excellent Ventilation.

HEATS BY RADIATION AND CIRCULATION.

Takes the coldest air from floor of farthest corner of rooms, passes it over a Hot Surface, and issues it at the top pleasantly warmed, to fill the entire apartment.

THAT the *Fireside* is far in advance of the open fires of the past, and perfectly adapted to the requirements of any locality, will not be disputed after reading this description and considering its resources.

With an Ash Pit that is large and deep, connecting directly with the chimney, by the dust flue, when the damper is open, and permitting the use of an Ash Pan that catches all, it only needs the blowers set in place, when the grate is agitated, to clear the fire or dump a dead one, to prevent the escape of any dust; establishing absolute cleanliness and perfect convenience.

The Fire Box will hold an ample quantity of fuel to keep fire a long time without attention, and to generate continuously a great heat—a larger portion of which is utilized than by any similar apparatus, owing to the much larger opening for the radiation of heat and the Deflector, which throws the heat of the fire back into the room, and the indirect draft which it causes, whereby the gases are made to thoroughly heat all its parts.

The Deflector is provided with a Damper to give a direct draft when fresh fuel is added.

The back being made of heavy steel plate, lined with superior fire tile at the Fire Box, makes, with the cast-iron top, a complete Stove that can be used with hard or soft coal, coke and natural gas with equally good results.

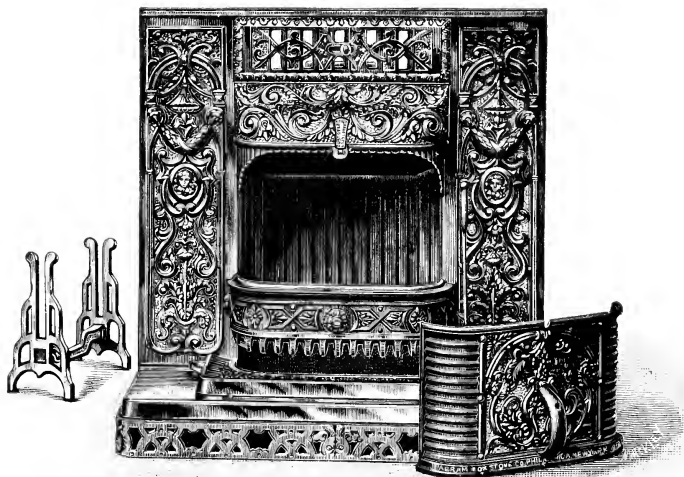
When set in the required opening, with an air space all around it, with the smoke pipe running through a cut-off at the bottom of the chimney, its great value is realized, for it not only ventilates by constantly removing air from the room, but keeps the air in circulation by drawing the coldest air from the floor of the farthest corner in through the openings in the bottom, passing it up over the hot surface, and issuing it through the register at the top—a warm current to fill every part of the room; or, by running the smoke pipe up the chimney and putting the cut-off above a register on the second floor, an upper room can be heated to the satisfaction of every one.

When a new house is being built, explain the *Fireside* to the owner, showing that he has only to build a place of the dimensions given when the chimney is built, then anybody can set it, and it adds beauty and comfort to the house, and that is all that is required to make it sell itself.



ABRAM COX STOVE CO.

FIRESIDE.



NEW IDEAS OVERCOME OLD OBJECTIONS.

A Strong Heater and Economical.

Clean and Easy to Manage.

HEATS A ROOM ABOVE NICELY.

One Size Only.

Square Frame, Plain Finish	\$15 25
“ “ Nickel and Tile Finish	19 25
Blower Stand.....	50

Size of Frame: 32 $\frac{3}{4}$ inches high, 31 $\frac{1}{2}$ inches wide.

Size of Opening required: 23 inches wide, 13 $\frac{1}{2}$ inches deep and
30 inches high.

Size of Fire Chamber: 16 inches long, 12 inches wide.

Size of Smoke Outlet; 6 inch Pipe fits the Oval Collar.

FIRESIDE.



LARGER SPACE FOR RADIATION FROM THE FIRE.

HANDSOME IN APPEARANCE.

EXCELLENT IN EFFICIENCY.

Call the Builder's Attention to it. Makes Property more desirable. It makes the best Open Fire for the Least Cost.

Circular Frame, Plain Finish, only.....	\$15 25
Blower Stand.....	50

Dimensions same as for Square Frame.



ABRAM COX STOVE CO.

PORTABLE GRATE FOR FIREPLACES.

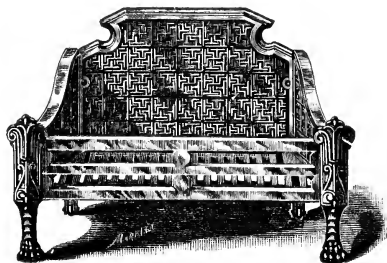


Plate 41.

Plain\$6 00 | Nickered Front only.....\$6 50
 Nickered complete.....\$9 00
 No. 1..... 13 x 19 x 24 inches. | No. 2..... 13 x 16½ x 22 inches.
 Sides and Back solid at the bottom.

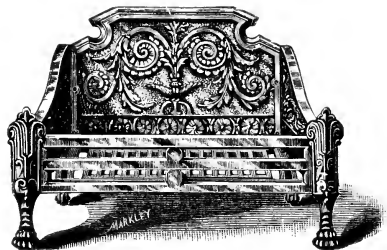


Plate 51.

Plain\$6 50 | Nickered Front only.....\$7 00
 Nickered complete.....\$9 50
 No. 1..... 13 x 19 x 24 inches. | No. 2.....13 x 16½ x 22 inches.
 Sides and Back solid at the bottom.



FIREPLACE LININGS.

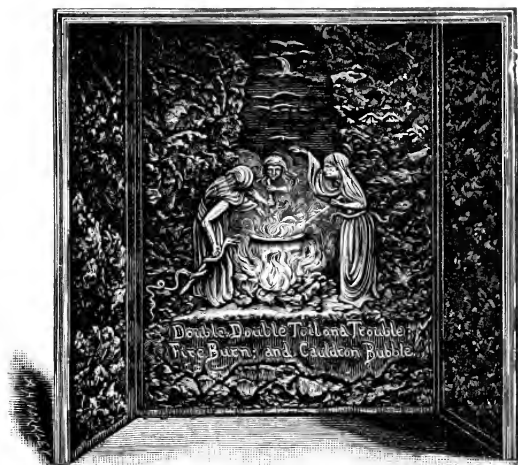


Plate 12.

Price, Covering Bars included.....\$7 50.

Backs.....22, 24, 26 and 28 x 30 inches | Jambs.....15 x 30 inches.

BORDERS FOR FIREPLACES.

Polished Brass.

1 inch.....\$3 25 | 2 inch.....\$3 75

Nickel Plated.

1 inch.....\$4 25 | 2 inch.....\$5 00



ABRAM COX STOVE CO.

FIREPLACE LININGS.

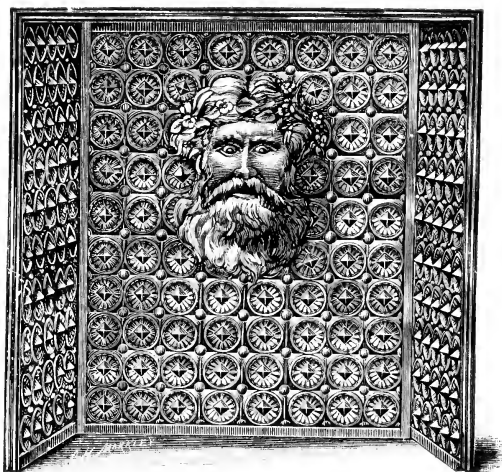


Plate 14.

Price, Covering Bars included.....\$7 00

Backs.....24 x 30 inches. | Jambs.....15 x 30 inches.



FIREPLACE LININGS.



Plate 18.

Price, Covering Bars included.....\$7 00

Backs.....22, 24, 26 and 28 x 30 inches. | Jambs.....15 x 30 inches.



ABRAM COX STOVE CO.

FIREPLACE LININGS.

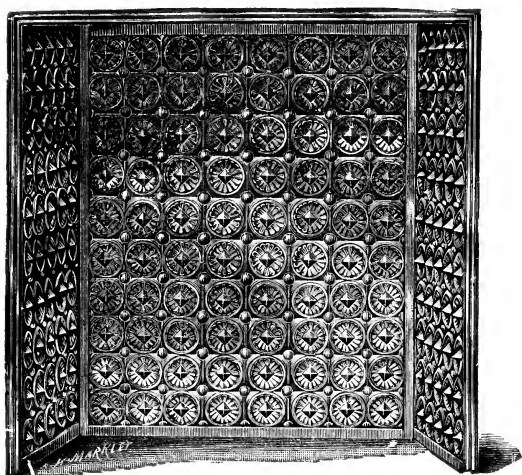


Plate 10.

Price, Covering Bars included.....\$7 00

Backs..... 22, 24, 26 and 28 x 30 inches. | Jambs.....15 x 30 inches.

FIREPLACE LININGS.

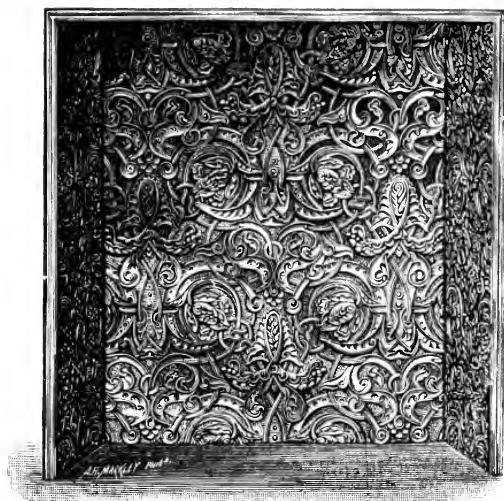


Plate 22.



Plate 26.

Price of either style, Covering Bars included.....\$6 50
 Backs.....24 x 30 inches. | Jambs.....15 x 30 inches.



ABRAM COX STOVE CO.

RADIANT NOVELTY.

No finer lines of heating goods were ever offered than that headed by this splendid and most attractive parlor heater.

After a thorough test it stands the most successful operating heater yet made, and will readily meet the strongest competition through its superiority.

Handsome nickeled parts lend beauty and brightness to the Stove without detracting from its heating qualities, and are so placed that they retain their brilliancy untarnished by the hottest fire, while a handsome new urn lends new attractiveness.

Every one is a double Heater, and has the celebrated Brinkerhoff Patent System of room ventilation. Air for heating the upper room is taken from the floor through air passages at the two back corners, and is supplemented by a current from each side under nickeled hoods, all passing over an inner dome suspended above the fire, which thoroughly heats an abundance of air, making it a most powerful heater.

The celebrated Ransom Grate, combining the excellence of all, renders the best of satisfaction in economy and keeping a clean fire.

Large Flues, easily cleaned, tea kettle attachment, heavy Fire Pot easily removed, large deep Ash Pit, with large Pan, in fact it is a heating stove that has all the modern improvements and attractions.

In ordering Grates or Fire Pots for the ***Radiant Novelty***, ***always state whether the Grate*** was a Centre Slide Grate, a regular Duplex Grate, or a Duplex Grate with a Shaking Ring just above it.

ABRAM COX STOVE CO.



RADIANT NOVELTY.



Full Nickeled.

No. 22,	with 12 in. Fire Pot,	use 6 in. pipe,	use 7 in. Hot Air Pipe.....	\$35 00
" 24,	" 14 " " " " 6 " " " 7 " " "		.....	40 00
" 26,	" 16 " " " " 6 " " " 7 " " "		.....	46 50



ABRAM COX STOVE CO.

PARLOR NOVELTY.

AS in all our new productions, the Parlor Novelty is entirely new in its advanced excellence.

It is absolutely without a rival, presenting as it does, a high grade heating stove embracing beauty, utility and durability, at an attractively **Low Price**. Nothing has been left undone to make this stove all that could be desired, even by the most fastidious, and while it is first-class and high grade in every particular, it can be classed with that grade of goods which, by reducing and condensing ideas into practical form, can be sold at less than the ruling market price.

The artistic design, superb finish, and handsome proportion, insures instant popularity, while a closer examination will bring out its stronger points. Not the least of its features is the large illuminating power, the panel above the front door being utilized for that purpose, in addition to the large mica doors.

The nickel work is bright and attractive and is so distributed as to bring out the best results.

The Fire Pot is large, insuring strong heating power, and is readily replaced through the top.

The Grate is the improved Ransom, the best and most popular grate for round Fire Pots on the market.

The large Ash Pit admits of a good bailed Ash Pan of like proportions, which in connection with the Dust Flue insures cleanliness.

The large full Revertible Flues insures perfect operation and heat in abundance.

Equal to the highest priced goods made.

ABRAM COX STOVE CO.



PARLOR NOVELTY.



Full Nickeled.

No. 32,	with 12 in. Fire Pot,	use 6 in. Pipe,	use 7 in. Hot Air Pipe.....	\$30 00
" 34,	" 14 "	" 6 "	" 7 " " "	34 50
" 36,	" 16 "	" 6 "	" 7 " " "	39 00



ABRAM COX STOVE CO.

PARLOR NOVELTY.

AS a Circulator and Double Heater it introduces new features of excellence.

The air supply is taken in through two excellent sources.

From the floor through ducts running from the bottom to the top of the stove, and through a register in the back, over the revertible flue, passing the air twice over the dome before discharging.

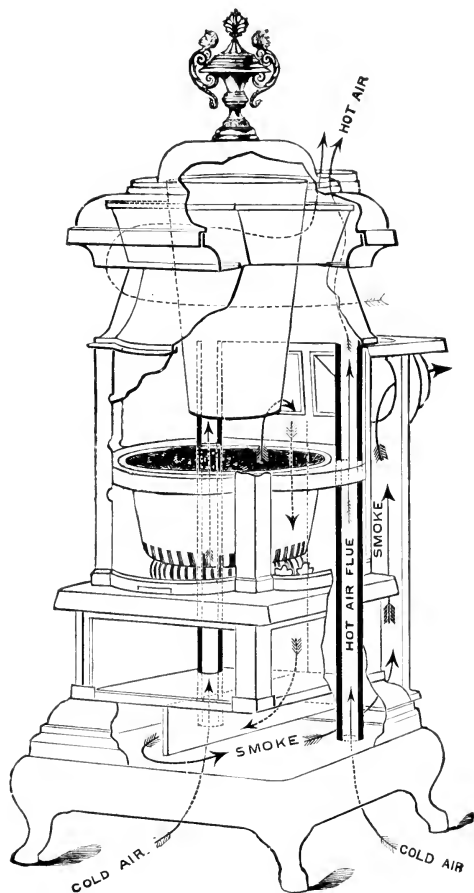
All this air when heated may be conducted to an upper room by a pipe when working as a double heater; but when working as a Circulator, the air is discharged into the room at the top of the stove, keeping the air in constant circulation and making all parts of the room equally comfortable.

Circulating stoves are growing in popularity as their merit impresses, for, with the same quantity of fuel, a stove working on the circulating principle will heat a much larger room and make it more comfortable than one of the usual style.

Explain the circulating principle to your customers.



PARLOR NOVELTY.



DOUBLE HEATER AND CIRCULATOR.

Sectional View.

Perfectly Gas Tight.

Economical in Fuel.

Heats a Room Above Nicely.

Keeps the Air in Circulation.

A Very Powerful Heater.



ABRAM COX STOVE CO.

PALACE NOVELTY.

THIS powerful Double Heater adds strength to our line and more thoroughly establishes its invincible excellence and demonstrates the advantages to the dealer of concentrating his power by running a select line of goods.

It is another of our representatives of the pleasing fact which we have established, that experience and originaive resource can crystallize ideas into the practical form of greatly superior goods at prices insuring instant popularity.

The beauty of the **Palace Novelty** made it at once a favorite, but its stronger attractions are its superior construction and conveniences.

The nickered parts, which contribute so substantially to the beauty, may all be lifted off and replaced without the use of a screw-driver ; and more important, by a new construction this year, their brightness is unimpaired by the hottest fire, while the air chamber, which keeps them cool and brilliant, adds material aid to the heating and circulating qualities.

It has large, full Revertible Flues, insuring perfect operation while deriving a great heat from the gases, and affording a neat Teakettle Attachment at the top of the return flue.

All the bolts holding it together are on the outside and easily removed, yet hidden from view.

A new Fire Pot is easily put in from the top by removing four bolts and lifting off the top.

The Grate is that new and a splendid combination of excellence the celebrated Ransom, and the best for cleaning a fire, with little labor, yet made.

A Dust Flue carries off the fine ashes, and the Ash Pit is so constructed that a large Pan catches **all** the refuse from the fire.

Competition has no rival for its excellence.

Be sure to include it in your line.

ABRAM COX STOVE CO.



PALACE NOVELTY.



Full Nickeled.

No. 22,	with 12 inch Fire Pot,	use 6 inch Pipe,	7 inch Hot Air Pipe.....	\$28 00
" 24,	" 14 "	" 6 "	" 7 "	" " 32 00
" 26,	" 16 "	" 6 "	" 7 "	" " 36 00



ABRAM COX STOVE CO.

STARLING.

Outclasses the Newest Competitors.

Rare Beauty. Superior Quality. Popular Price.

Self-feeder. Best Grate Ever Made. Dust Flue.

ADAPTED to a varied demand by its elegance, excellence and efficiency, the price of the **Starling** insures its popularity.

Being square, it aids a style that is sufficiently modest to offend none, while the beauty of design and quality of finish, enriched by a decoration of nickel trimmings and art tiles, need only the bright nickeled foot rails and magnificent bronze figure to add life and dignity to a beauty which so nearly approaches splendor as to become at once a favorite with all.

Not the least of its pretty features is the illuminating power, as the large mica sections show the fire as unconfined in effect. The construction is essentially superior in omitting nothing of advantage.

The magazine with a double cover can easily be lifted out and the stove used as a Surface Burner.

The Fire Pot is large, insuring a strong heating power, and is readily replaced.

The celebrated Ransom Grate is used, and is that new and splendid combination of excellence which is the best for cleaning a fire with little labor yet made.

The large Ash Pit insures durability to the grate, and contains a good bailed Ash Pan, which, in connection with a Dust Flue, insures cleanliness.

By an ingenious contrivance in connection with the Pipe Collar Box, which is reversible, the Draft is direct or indirect to suit the pipe hole in the chimney.

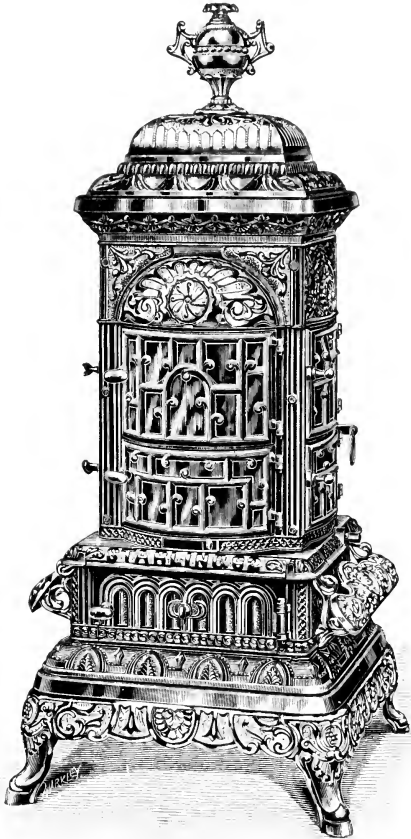
Having had calls for a larger size, we have lengthened the line with a stove having a 16-inch Fire Pot.

This year five sizes are endowed with the excellence of large, full Revertible Flues.

Dealers who run it say it was the best seller of the year.



STARLING.



	No. 50.	No. 51.	No. 52.	No. 53.	No. 54.	No. 56.
Direct Draft.....	\$13 00	\$15 00	\$17 50	\$20 00	\$23 00	\$26 50
Indirect Draft	13 50	15 50	18 00	20 50	23 50	27 00
Diameter of Fire Pot.....	10 in.	11 in.	12 in.	13 in.	14 in.	16 in.
	No. 61.	No. 62.	No. 63.	No. 64.	No. 66.	
Full Revertible.....	\$17 00	\$20 00	\$23 00	\$26 50	\$30 00	
Diameter of Fire Pot.....	11 in.	12 in.	13 in.	14 in.	16 in.	



ABRAM COX STOVE CO.

STARLING DOUBLE HEATER.

Large Heating Surface Exposed.

Hot Air in Abundance.

Cold Air from the Floor.

Free from Gas and Dust Up-stairs.

Handsome in Appearance.

Perfect in Operation.

A MORE pleasing addition to this now indispensable class of stoves is not among the candidates for this season's favors.

It is devoid of the usual abnormal proportions of double heaters, and instead is endowed with much attractiveness by its prepossessing symmetry. From the handsome cabinet base to the elegant bronze figure everything blends with the beautiful design, decorated with art tiles and brightened by the splendid nicked foot rails to effect a beauty unapproached by double heaters.

In construction it is identical with the single heater, having all of its many advantages.

Its power as a Double Heater is established by the arrangement and space of hot surface exposed.

The whole back of the stove is utilized to heat air, warming an upper room comfortably to a certainty.

The supply of air is taken directly at the bottom, and has to pass over all this surface before it passes up the hot air pipe to the upper room.

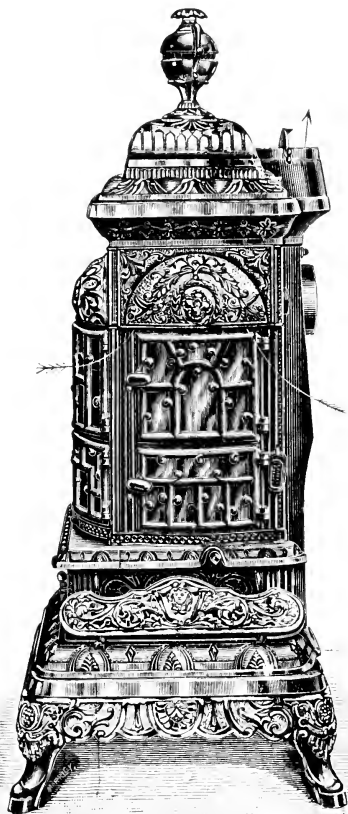
By an arrangement of the damper a portion or all of the hot air may be thrown out in the lower room.

A sample will convince that its selection will insure a lively fall trade.

The addition of an inner dome directly exposed to the fire, taking air in over top of both side mica doors, and passing it over said dome, has made it a most powerful Double Heater.



STARLING DOUBLE HEATER.



		Diam. of Fire Pot.			Diam. of Fire Pot.
No. 42, Direct Draft	\$19 50	12 in.	No. 72, Full Revertible Flue, \$22 00		12 in.
" 43, "	22 50	13 "	" 73, " " " " " "	25 50	13 "
" 44, "	26 00	14 "	" 74, " " " " " "	29 50	14 "
" 46, "	30 00	16 "	" 76, " " " " " "	34 00	16 "



ABRAM COX STOVE CO.

CROWN NOVELTY.

A MAMMOTH HEATER.

Hard or Soft Coal. Cast Fire Pot.

Fire Pot in Sections. Readily Replaced.

Direct Radiation from the Fire Pot.

THIS Stove possesses a beauty handsomely appropriate to its great size, rendering its enormous heating capacity available in any surroundings, and well adapted to halls, saloons, or other large rooms where a beautiful heater is desirable. The entire base, elegantly nicked, as well as the foot rails, and a handsome urn at the top, adds brilliancy. The principle of construction and perfect workmanship of the *Crown Novelty* place it in the market for large heaters without an approaching rival.

An extra large Feed Door is convenient in supplying any fuel. The Fire Pot occupies the entire Stove; the lower part is of the illuminating, clinkerless style, while the upper part is sectional and easily replaced, and is cast iron; both are fitted in an outer casting surrounded by a fretwork, so that the Fire Pot radiates directly. The Grate is the popular Draw Centre, with every provision for cleaning the fire, while fine ashes are carried off by the Dust Flue, which also serves as an excellent Check Draft. It is either direct draft, or full revertible flue, by turning a damper which, closed, sends the hot gases down on one side of the partition in the large cast iron oval column at the back, which also provides a very effective Teakettle Attachment, where they enter the large, deep bottom flues, and return up the other side of the partition to the smoke outlet. The size of the flues and ease of cleaning them are two specialties.

It is finished with heavy Russia iron or steel, as preferred, and its power increased by increasing the height of the body by using the extension ring, which, with its deep polished edge, adds to the appearance. It can be relied on to surpass all expectations.

ABRAM COX STOVE CO.



CROWN NOVELTY.



Surface Burner, with Teakettle Attachment.

Full Reversible Flue.

Large Fire Pot.

Immense Power.

No. 5, use 6 inch pipe..... \$45 00 | No. 6, use 6 inch pipe..... \$50 00

Diameter of Fire Pot, 17 inches; 19 inches.



ABRAM COX STOVE CO.

ALDINE NOVELTY.

The Newest Departure and Best.

Surpasses Competition in Beauty and Utility.

Bronze Figure, Ornamental Tiles, Nickered Rails.

Full Revertible Flues, Ovens, Teakettle Attachment.

THE *Aldine Novelty* is a pleasant innovation on the heavy constructed, naturally costly, and generally ugly, yet infinitely superior, Full Revertible Flue Stoves.

To their indisputable excellence is added grace of outline and beauty of contour, which, with the rich contrast of exquisitely designed and superbly finished castings, with the dark, polished Russia body, secures a beautiful effect, and embellished by a handsome cabinet base, splendid nickel foot warmers, artistic tile decoration, and a superb bronze figure, it is universally attractive and perfectly adapted to the most elaborately furnished apartment.

Some of its important conveniences are, a Deep Oven, where satisfactory baking is readily accomplished, yet it is completely hidden in the top, while a Teakettle Attachment at the top of the return flue is hardly noticeable.

The features of the construction are a substantial Russia body, with an extra high lining of superior Fire Tile, from which the products of combustion pass to the outlet, where, by a damper, they are released to the chimney or made to pass down on the outside of the partition in the cast oval column at the back, to the large flues in the double bottom, where they pass to the front and return on the other side of the partition up to the final outlet, securing economy and heat where they are most efficient.

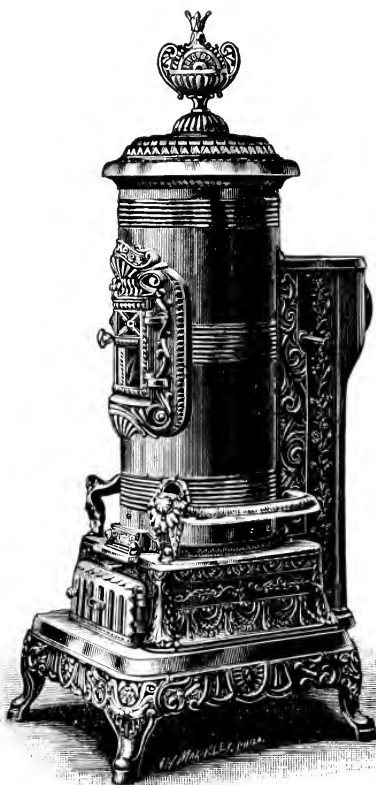
The space between the body and column is covered by a handsome cast fret-work, permitting a free circulation of air.

The bottom flues are readily cleaned at the back. A Slide Centre Grate, with ample clinker clearing facilities, supports the fire, and a Dust Flue insures cleanliness when it is being raked. A bailed Ash Pan catches all refuse in the deep Ash Pit and plenty of air enters the large openings in the Draft Slide. The extra large Feed Door will be appreciated.

From the cut and this brief description of the merit of this Stove will make a favorable impression at the low price placed on it.



ALDINE NOVELTY.



Large Feed Door.

Extra High Linings.

Slide Centre Grate.

No. 10	with 10 inch	Fire Pot,	use 5 inch	pipe,	Collar	27 $\frac{1}{4}$	inches	high.....	\$16	00
" 12	" 12	"	"	" 5	"	"	" 29	" "	19	00
" 14	" 14	"	"	" 6	"	"	" 29 $\frac{1}{4}$	" "	23	00
" 16	" 16	"	"	" 6	"	"	" 30 $\frac{1}{2}$	" "	27	00



ABRAM COX STOVE CO.

ALDINE NOVELTY.

Circulator and Ventilator.

THIS Stove contains all the important features as set forth on the preceding page previously read, and to them we add the very popular features of



Circulation and Ventilation.

This is the first Surface Burning Base Heater made with Circulating Flues, and dealers will readily appreciate the advantage in securing the sale of this Stove.

The air is taken in at the top of base, and passes over the **Cast Iron Fire Pot** and Steel Drum mounted on top of Fire Pot, then passing rapidly out through the perforated top in an extremely hot condition; thus the air in the room is kept in



*Constant Circulation and Every Portion
Thoroughly Heated.*

Be sure and Order this Stove.



ALDINE NOVELTY.



CIRCULATOR AND VENTILATOR. Cast Iron Fire Pot.

No. 22, with 10 inch Fire Pot, use 5 inch pipe, Collar	29 inches high.....	\$23 00
" 24, " 12 " " " 5 " " "	29½ " "	27 00
" 26, " 14 " " " 6 " " "	30½ " "	31 00



ABRAM COX STOVE CO.

ALDINE DOUBLE HEATER.

NO Double Heating Stove has stronger recommendations for favor than the *Aldine*.

Its appearance is of a character that never tires, and the contrast of the Russia iron and the fine castings of pleasing and appropriate designs is enlivened by the polished edges and a careful use of nickel decoration.

It combines the excellence of the Surface Burner with full Revertible Flues, and as the Fire Pot is cast iron, it is well calculated to heat the upper and lower room with no more fuel than is usually required to heat one.

It has every convenience to make its care light, and be entirely free from dirt.



ALDINE DOUBLE HEATER.



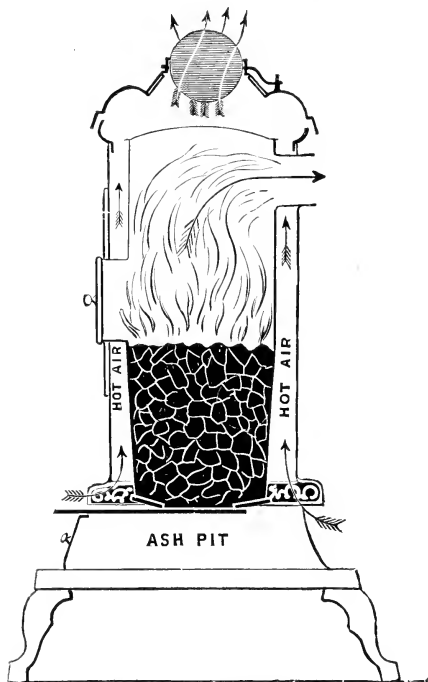
*Furnishes an Abundance of Pure, Warm Air Up-stairs.
Full Revertible Flues. Surface Burner.*

No. 22,	with 10 inch Fire Pot,	use 7 inch Hot Air Pipe,	Height of Stove,	49½ inches.....	\$23 00
" 24,	" 12 "	" 8 "	" "	" 52½ "	..... 27 00
" 26,	" 14 "	" 8 "	" "	" 56½ "	..... 31 00



ABRAM COX STOVE CO.

MARVEL NOVELTY.



SECTIONAL VIEW.

A Powerful Double Heater for either Hard or Soft Coal.

Its great heating power is at once appreciated on examination. The Fire Pot is cast iron corrugated to add strength and heating surface, and is very deep, to hold sufficient fuel. On the top of the Fire Pot is a heavy Steel Drum with a cast head that fits tightly and is securely bolted down, preventing the possible escape of anything for discomfort or annoyance. For those who prefer, brick-lined Fire Pots are furnished when so ordered.

Surrounding the Fire Pot and Drum is the Russia body, absorbing and radiating heat from the Fire Pot and Drum, while forming an air chamber that is supplied through and under the ornamental fretwork at the top of the base, insuring ample heat down-stairs and a strong current of hot air to the upper room. An Automatic Damper confines all the heat down-stairs, or a portion, as desired.



MARVEL NOVELTY.



DOUBLE HEATER.

Quality Cannot be Improved. Price Within Reach of All.

	No. 12.	No. 14.	No. 16.	No. 18.
Castings, per set.....	\$10 00	\$11 50	\$15 00	\$20 00
Finished in Russia Iron.....	16 00	18 00	22 00	28 00

Add 75 cents to the list for Nickel Perforated Urn, Base and Bronze Ornament when the Stove is to be used as a Circulating Heater.

	No. 12.	No. 14.	No. 16.	No. 18.
Diameter of Fire Pot.....	10 in.	12 in.	14 in.	16 in.
Depth of Fire Pot.....	11½ "	12 "	12 "	13 "
Height of Hot Air Collar.....	46 "	47¾ "	50½ "	58 "
Diameter of " ".....	7 "	8 "	8 "	8 "
Hard Coal Smoke.....	5 "	5 "	5 "	6 "



ABRAM COX STOVE CO.

OXFORD.

WE call your special attention to this line of heating stoves combining cheapness, beauty, completeness and durability. Handsome enough for the parlor, cheap enough for the smallest bedroom.

The unprecedented popularity gained by this stove last year and the enormous sale of the same, clearly proves that it fully satisfies the people's wants, and has become the leader of Surface Burning heating stoves.

The handsome nickel and superb finish gives an appearance that is unequalled.

The large Ash Pit admits of an Ash Pan of like proportions.

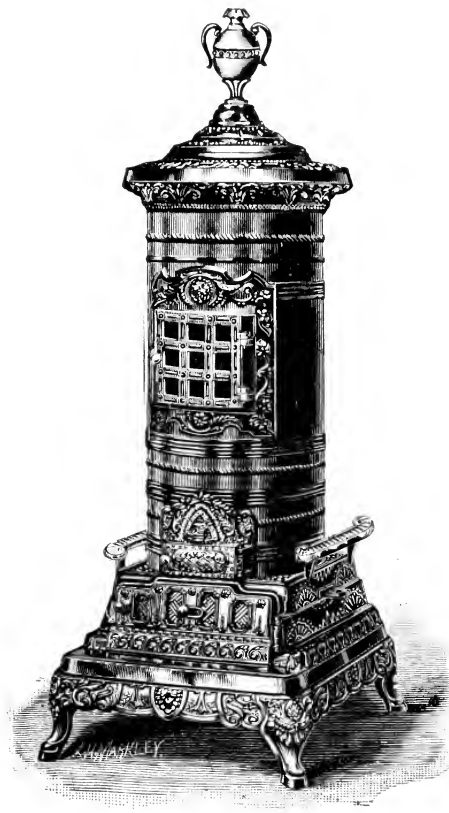
Heavy brick linings run up to the top of the feed door.

The large clinker clearing door gives easy access to the draw centre grate, made as a plain surface burner, Revertible flue stove and Double Heater.

As a Double Heater it is very powerful, both on first and second floor. Taking air in as it does at the top of the Fire Pot, it leaves one-half of the Stove as a direct radiator of heat into the room where it sets, and with interior Drum Construction gives you one of the most powerful Double Heaters made.



OXFORD.



Draw Centre Grate.

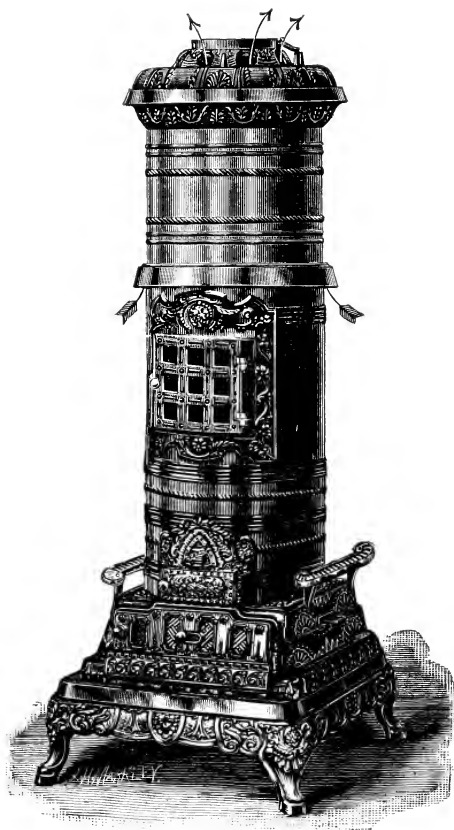
					Russia Finished.	Russia Body Only.*	Castings.
No. 10,	with	10 inch	Fire Pot,	use 5 inch pipe.....	\$9 00	\$1 00	\$5 25
" 11,	"	11 "	"	" 5 "	10 50	1 15	6 00
" 12,	"	12 "	"	" 5 "	12 00	1 40	7 00
" 14,	"	14 "	"	" 6 "	15 75	2 00	9 50
" 16,	"	16 "	"	" 6 "	18 75	3 00	11 50

* Bodies formed, grooved and swedged, with the pipe hole cut, and the hole cut and rivet holes made for the door, are promptly furnished at the above prices, which you will find are specially low.



ABRAM COX STOVE CO.

OXFORD DOUBLE HEATER.

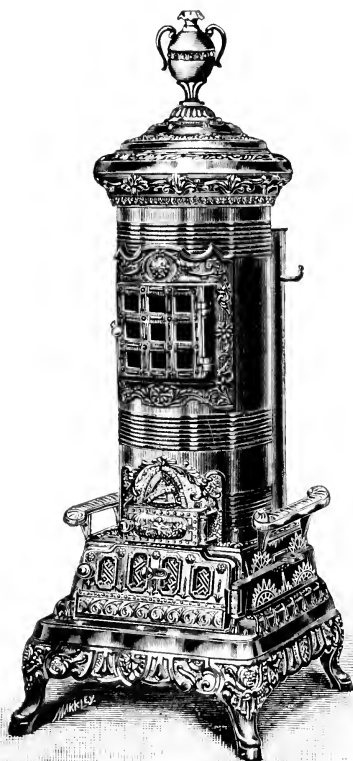


Hard or Soft Coal.

	Russia Finished.	Castings.
No. 12, with 12 inch Fire Pot, use 7 inch Hot Air Pipe, height of Stove, 56 inches.....	\$15 00	\$9 00
No. 14, with 14 inch Fire Pot, use 8 inch Hot Air Pipe, height of Stove, 58½ inches	18 00	11 50
No. 16, with 16 inch Fire Pot, use 8 inch Hot Air Pipe, height of Stove, 60 inches.....	21 00	13 50



OXFORD.



Indirect Draft.

							Russia Finished.	Castings.
No. 10, with 10 inch Fire Pot, use 5 inch pipe.....							\$10 50	\$6 00
" 11,	" 11	"	"	" 5	"	"	12 00	6 75
" 12,	" 12	"	"	" 5	"	"	13 50	8 00
" 14,	" 14	"	"	" 6	"	"	17 25	10 50
" 16,	" 16	"	"	" 6	"	"	20 25	12 50



ABRAM COX STOVE CO.

POLO.



Direct Draft.

Fresh from the hands of our pattern makers, this stove is almost entirely new in appearance this year, and more complete than ever.

No.	Size of Pipe.	Refined Finished.	Russia Finished.	Castings.	Refined Bodies Only.	Russia * Bodies Only.
No. 8,	4 inch.....	\$4 75	\$5 25	\$2 50	\$0 35	\$0 75
" 9,	4 "	5 75	6 25	3 00	40	85
" 10,	5 "	6 75	7 25	3 55	45	1 00
" 11,	5 "	8 00	8 50	4 25	55	1 15
" 12,	5 "	9 25	9 75	5 50	65	1 30

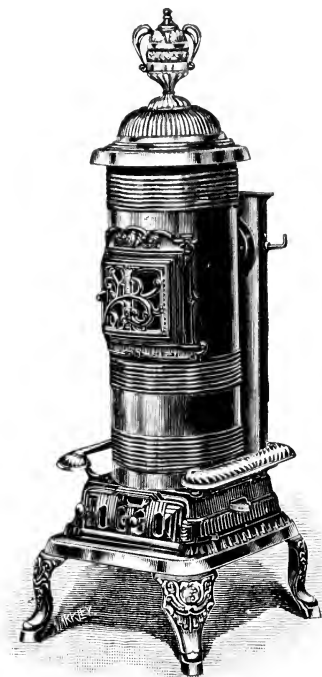
Nickel Urns furnished with Finished Stoves.

Cast Iron Urns sent with all Castings.

* Bodies formed, grooved and swedged with the pipe hole cut, and the hole cut and the rivet holes made for the door, are promptly furnished at the above prices, which you will find specially low.



POLO.



Revertible Flue.

The slight increased cost in this form is more than repaid by the economy of fuel and greater heating power, and after an explanation usually sell easily Nickel foot rails.

	Size of Pipe.	Russia Finished.	Castings.	Russia Bodies and Columns.*
No. 10,	5 inch.....	\$8 75	\$4 25	\$1 50
" 11,	5 "	10 00	5 25	1 65
" 12,	5 "	11 25	6 25	1 80

Nickeled Urns furnished with all finished stoves.

Cast Iron Urns sent with all castings.

* Bodies formed, grooved and swedged, with pipe hole cut, and the hole cut and rivet holes punched for door, are promptly furnished at the above prices, which you will find are specially low.



ABRAM COX STOVE CO.

MAGNET.



No.	Size of Pipe.	Russia Finished.	Castings.	Russia Bodies Only.*
No. 9,	4 inch.....	\$7 00	\$4 00	\$0 85
" 10,	5 "	8 00	4 50	1 00
" 11,	5 "	9 00	5 00	1 15
" 12,	5 "	10 25	5 75	1 30

Nickel Urns furnished with Finished Stoves.

Cast Iron Urns sent with all Castings.

* Bodies formed, grooved, and swedged with the pipe hole cut, and the hole cut and rivet holes made for the door, are promptly furnished at the above prices, which you will find are specially low.



DARBY.



Large Sliding Feed Door.

Russia Body.

Cast Fire Pot.

Boiler Top, with Cover.

Nickel Foot Rails.

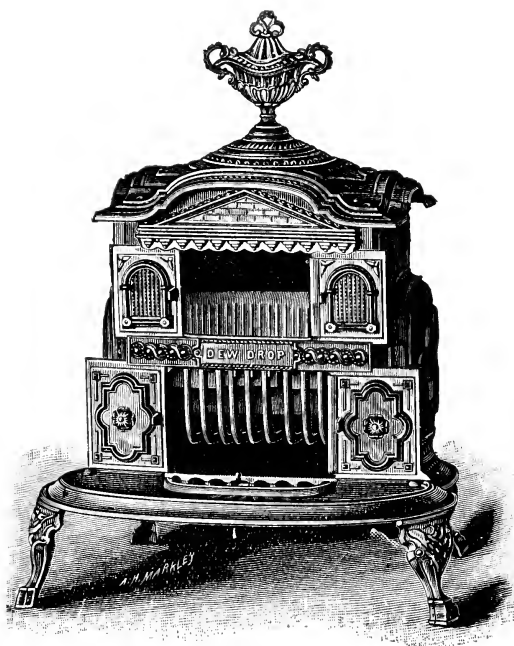
Nickeled Urn.

	Diameter of Fire Pot.	Height of Pipe Collar.	Size of Pipe.	Finished.
No. 1.....	11 inch.	29 inch.	4½ inch.	\$7 00
" 2.....	12 "	30 "	4½ "	8 00
" 3.....	13 "	31 "	5 "	9 25
" 4.....	14 "	32 "	5 "	10 50



ABRAM COX STOVE CO.

DEW DROP.

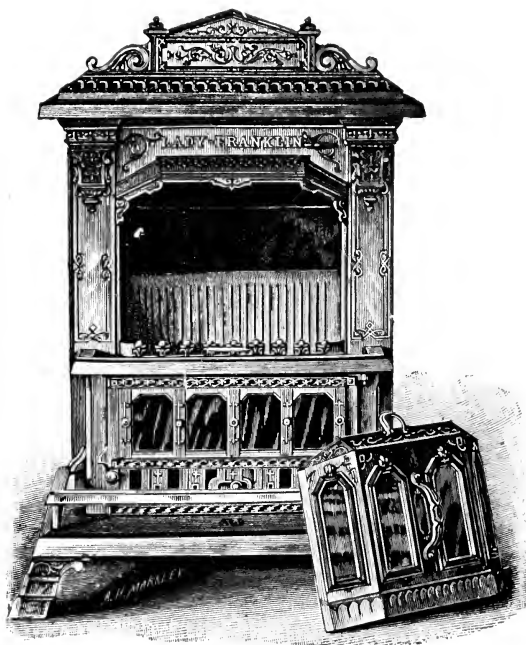


	Coal.	Wood.
No. 19, use 5 inch pipe.....	\$7 25	\$6 00
" 22, " 5 " "	9 00	7 50
" 25, " 5 " "	12 00	10 00

ABRAM COX STOVE CO.



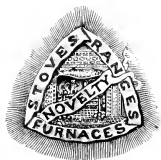
LADY FRANKLIN.



No. 18.....\$15 00 | No. 21.....\$19 00

Use 6 inch Pipe.

With Nickel-Plated Foot Rail.



ABRAM COX STOVE CO.

ALASKA.

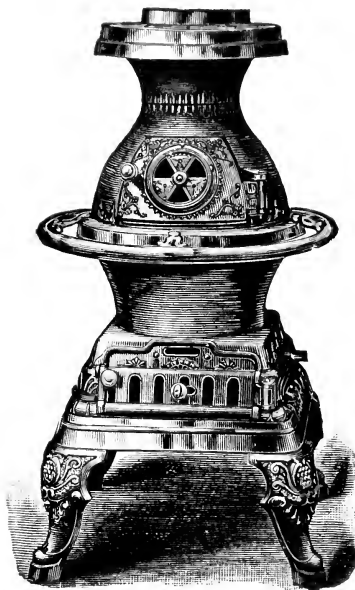


Can be used with a Sheet Iron Upper Body.

	Diameter of Fire Pot.	Height of Stove.	Size of Pipe.	
No. 1.....	15 inches.	41 inches.	5 inches.	\$10 00
" 2.....	17 "	45 "	5 "	12 50
" 3.....	20 "	49½ "	6 "	17 00



DANDY.



Ample Anti-Clinker Space.

Large Grate Surface.

Shaking Grate.

Dumps Easily.

Extra Large Ash Pit.

Large Feed Door.

Boiler Hole in Top.

No.	0.....	Diameter of Fire Pot.	Height of Stove.	Size of Pipe.	Less Fender Ring.	With Fender Ring.
No. 0.....	11	9½ inches.	22¼ inches.	4 inches.	\$3 75	\$4 25
" 1.....	11	"	30¼ "	4 "	4 50	5 00
" 2.....	12	"	31½ "	4½ "	5 50	6 00
" 3.....	13	"	33 "	5 "	6 50	7 00
" 4.....	14	"	35 "	5 "	7 50	8 00



ABRAM COX STOVE CO.

ARCTIC.



No.	Diameter of Fire Pot.	Size of Pipe.	Height of Pipe.	
No. 8.....	10½ inches.	4½ inches.	30 inches.	\$6 50
" 9.....	11¾ "	4½ "	33 "	8 50
" 10.....	13¼ "	4½ "	36 "	10 50
" 11.....	14½ "	5 "	39½ "	12 50
" 12.....	16 "	5 "	43 "	15 00
" 13.....	17½ "	5 "	46 "	18 00

PICKET.



	Diameter of Fire Pot.	Height of Stove.	Size of Pipe.	
No. 2.....	8 $\frac{3}{4}$ inches.	24 inches.	4 inches.	\$3 75
" 3.....	9 $\frac{1}{2}$ "	24 $\frac{3}{4}$ "	4 $\frac{1}{2}$ "	4 25
" 4.....	10 $\frac{1}{2}$ "	26 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "	5 25



ABRAM COX STOVE CO.

HANDY.



One Size Only.

Price\$5 00

Use $4\frac{1}{2}$ inch Pipe. Circumference of collar, $18\frac{1}{2}$ inches.



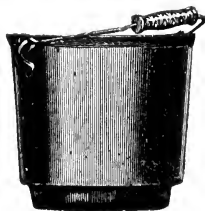
HOLLOW WARE.

Teakettles.

They are smoother, better galvanized, hold more water, and have a patent handle.

Prices, Flat or Sunk Bottom.

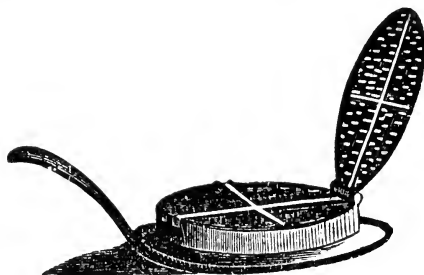
	Black.	Galvanized.
No. 6, per dozen.....	\$6 75	\$10 75
" 7, "	7 75	12 75
" 8, "	9 00	15 00
" 9, "	11 25	18 50
" 10, "	14 50	19 75



Straight Kettles.

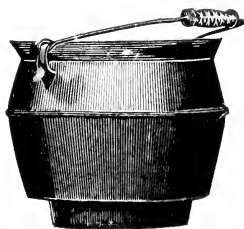
Sunk or Round Bottom.

No. 6.....net,	\$0 40
" 7....."	46
" 8....."	58
" 9....."	67
" 10....."	95



Waffle Irons.

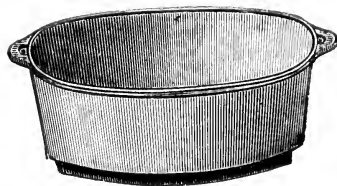
Nos. 6 x 7, per dozen.....	\$6 75
" 7 x 8, "	8 25
" 9 x 10, "	9 75



Bulged Pots.

Sunk or Round Bottom.

No. 6.....net,	\$0 46
" 7....."	55
" 8....."	65
" 9....."	87
" 10....."	1 20



Ham Boilers.

No. 6.....net,	\$0 92
" 7....."	1 15
" 8....."	1 33
" 9....."	1 50
" 10....."	2 00



ABRAM COX STOVE CO.

HOLLOW WARE.

Large Eccentric Bulged Pot.

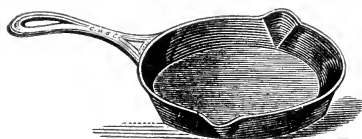
SUNK BOTTOM.

6 x 7.....	net, \$0 61	8 x 9.....	net, \$0 98
7 x 8.....	" 75	9 x 10.....	" 1 27

Deductions for Hollow Ware.

ON STOVES ORDERED WITHOUT WARE.

No. 5 $\frac{1}{2}$	per set, \$0 85	No. 8.....	per set, \$1 50
" 6.....	" 1 00	" 9.....	" 1 75
" 7.....	" 1 25	" 10.....	" 2 00

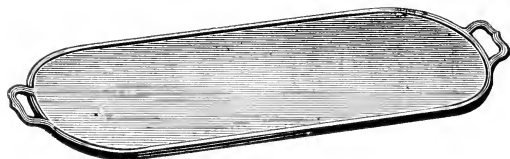
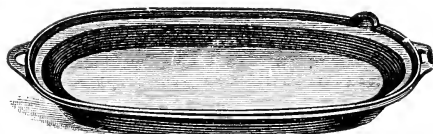


Two-lipped Spider.

No.	Top Diam.	
No. 6.....	8 $\frac{3}{8}$ inch,	\$0 12
" 7.....	9 $\frac{3}{8}$ "	17
" 8.....	10 $\frac{1}{2}$ "	20
" 9.....	11 $\frac{3}{4}$ "	25
" 10.....	12 $\frac{3}{8}$ "	30

Long, Deep Pans.

No. 6.....	net, \$0 35
" 7.....	" 40
" 8.....	" 50
" 9.....	" 70
" 10.....	" 80

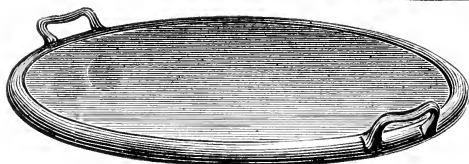
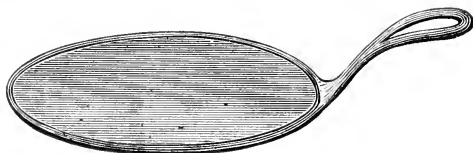


Long, Flat Pans.

No. 6.....	net, \$0 30
" 7.....	" 40
" 8.....	" 55
" 9.....	" 65
" 10.....	" 70

Handle Covers.

No. 6.....	net, \$0 15
" 7.....	" 20
" 8.....	" 25
" 9.....	" 30

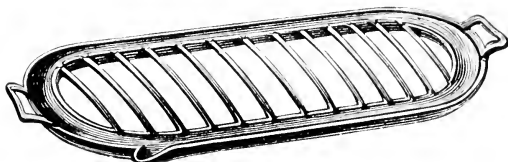


Round Cake Griddle.

13 $\frac{1}{2}$ inch diameter,
net, 50 cents.



HOLLOW WARE.



Oval Gridirons.

No. 6.....	net, \$0 35	No. 8.....	net, \$0 52
" 7.....	" 42	" 9.....	" 64

Steamers.

No. 6.....	net, \$0 40
" 7.....	" 45
" 8.....	" 55
" 9.....	" 65
" 10.....	" 65

Wash Boilers.

Copper Bottom. Metallic Bottom.

No. 6.....	\$2 25	\$1 75
" 7.....	2 50	2 00
" 8.....	2 75	2 25
" 9.....	3 25	2 75
" 10.....	4 25	3 75



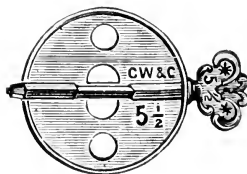
Cover Lifters.

We have put a rib on the back and it is as strong as the plain one we formerly made.

Per dozennet, \$0 33

Stove Pipe Dampers.

4 inch, per dozen	net, \$0 50
4½ " "	" 60
5 " "	" 70
5½ " "	" 85
6 " "	" 1 00
7 " "	" 1 30



Stove Pipe and Elbows.

4 inch, per piece.....	\$0 13	5½ inch, per piece.....	\$0 18
4½ " "	14	6 " "	22
5 " "	16	7 " "	25



ABRAM COX STOVE CO.

HORIZONTAL CIRCULATING BOILERS.

BLACK.

Size.	Gallons.	Boiler only.	Boiler with Copper Tube and four Couplings.
3 x 10	18	\$6 50	\$9 50
3 x 12	22	10 00	13 00

GALVANIZED.

Size.	Gallons.	Boiler only.	Boiler with Copper Tube and four Couplings.
3 x 10	18	\$8 75	\$11 75
3 x 12	22	12 25	15 25

UPRIGHT CIRCULATING BOILERS.

GALVANIZED.

Size.	Gallons.	Boiler only.	Boiler with Copper Tube and four Couplings.
3½ x 12	21	\$12 00	\$14 50
4 x 12	25	12 50	15 00
5 x 12	30	15 00	17 50
5 x 14	40	21 00	23 50

Stands for upright boilers, plain, \$1.00; galvanized, \$1.50.

HOW TO GET HOT WATER.

In most cases where the water drawn in the kitchen and bath-room is only warm, naturally complaint is made, and the cause of the trouble is due to the boiler being larger than necessary, when, if a boiler five or ten gallons smaller had have been used, the water would have been so hot that it would be more serviceable than double the quantity at a lower temperature.

The use of boilers that are too large is a common error, and the cause of much annoyance and great expense.





Stove Dealers' Paste Polish.

No dust; shines quickly; superior brilliancy; prevents rust; no experiment; thirteen years' test. It is the best.

Put up in 5 lb. Cansnet, \$0 75

Black Lead, Best German, 5 cts. per Pound, Net.

Asbestos Cement.

Small Can, 3 lb.....net, \$0 30 | Large Can, 5 lb.....net, \$0 50

Hercules Cement.

Small Can, 2½ lb.....net, \$0 20 | Large Can, 5 lb.....net, \$0 40



Pipe Waterbacks for Cook Stoves.

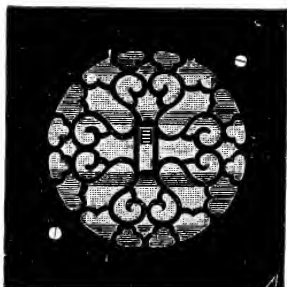


Pipe Waterback Ells.

Complete, less Couplings.....\$4 00 Per pair.....\$1 00



ABRAM COX STOVE CO.



Parlor Heater Register.

8 inch.....net, \$0 92

Can be used with either 8 x 6 or 8 x 7 Ring.

9 inch.....net, \$1 05

Can be used with either 9 x 7 or 9 x 8 Ring.

Parlor Heater Register Ring.

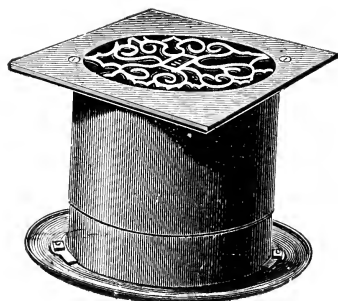
8 x 6 Ring for 8 inch Register Casing and 6 inch Hot Air Pipe.....net, \$0 30

8 x 7 Ring for 8 inch Register Casing and 7 inch Hot Air Pipe.....net, \$0 33

9 x 7 Ring for 9 inch Register Casing and 7 inch Hot Air Pipe.....net, \$0 35

9 x 8 Ring for 9 inch Register Casing and 8 inch Hot Air Pipe.....net, \$0 35

¹⁴⁻⁶ Order these Rings by the numbers in large type.



Register Box Complete.

REGISTER RING AND ADJUSTABLE CASING.

8 x 6 Finished 8 inch Register, 6 inch Hot Air Pipe.....net, \$1 75

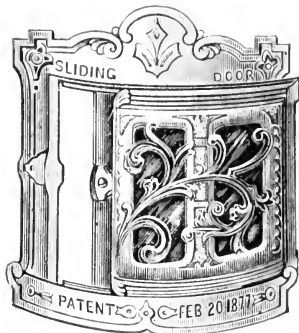
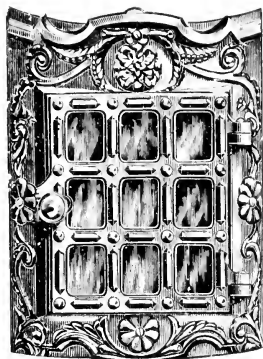
8 x 7 Finished 8 inch Register, 7 inch Hot Air Pipe.....net, \$1 88

9 x 7 Finished 9 inch Register, 7 inch Hot Air Pipe.....net, \$2 00

9 x 8 Finished 9 inch Register, 8 inch Hot Air Pipe.....net, \$2 00

Sliding Doors.

For 8 inch Bodies.....	net, \$0	30
" 9 " " " " " " " " " " " "	"	35
" 10 " " " " " " " " " " " "	"	38
" 11 " " " " " " " " " " " "	"	42
" 12 " " " " " " " " " " " "	"	45
" 13 " " " " " " " " " " " "	"	52
" 14 " " " " " " " " " " " "	"	58



New Gas Burner Doors.

For 10 inch Bodies.....	net, \$0	38
" 11 " " " " " " " " " " " "	"	42
" 12 " " " " " " " " " " " "	"	46
" 13 " " " " " " " " " " " "	"	52
" 14 " " " " " " " " " " " "	"	58
" 16 " " " " " " " " " " " "	"	64

Draft Dampers.

No. 1.....	net, \$0	10
" 2.....	"	12



Base Gas Rings.

Nos.....	8	9	10	11	12	13	14	16
Net.....	17c.	20c.	24c.	28c.	37c.	35c.	38c.	46c.

REGISTERS.

Black or White Japanned.

Size of Opening.	Registers.	Floor Border.
8 x 10	\$2 50	\$1 40
9 x 12	3 30	1 55
9 x 14	3 60	1 65
10 x 12	3 60	1 80
10 x 14	4 25	1 90
12 x 15	6 00	2 40
12 x 18	7 00	2 70
14 x 18	8 75	3 15
14 x 20	9 50	3 40
16 x 20	10 50	3 80
16 x 24	13 00	4 35
15 x 25	13 00	4 25
18 x 24	14 50	5 50
20 x 24	15 00	6 00

Round.

Size of Opening.	Registers.	Floor Border.
6	\$1 35	\$1 00
7	1 50	1 10
8	1 85	1 20
9	2 25	1 30
10	2 75	1 40
12	3 60	1 80
14	5 40	2 25
16	7 00	3 00
18	9 25	4 00
20	11 50	5 00
24	15 50	6 50
30	27 50	10 40

Circular Top Vertical Wheel Registers.

Size of Opening.	Registers.
8 x 14	\$3 40
9 x 12	3 40
10 x 14	4 10
11 x 16	4 60
11 x 13	3 55
13 x 15	4 60

Circular Top Vertical Wheel Registers.

Size of Opening.	Registers.	Wall Frame.
12 x 18	\$5 20	\$2 30
16 x 22	8 50	
11 x 13	3 55	
high { 13 x 15 } wide	4 60	
16 x 17	6 50	



ABRAM COX STOVE CO.

PRICE LIST OF FIRE BRICKS AND CYLINDER STAVES. FOR COOKING STOVES AND RANGES.

	Per Set, Net.
Advance Range, 7 and 8.....	\$0 40
Aldine, 8-20 and 9-20.....	40
Cambria, 7-18, 8-18, 8-20 and 9-20.....	40
Como, 6, 7 and 8.....	35
Coral Cook, 5½, 6, 7 and 8.....	40
Dot, 16, 17 and 18.....	35
Elite, 6 and 7.....	35
Family Novelty, 7-18, 8-18, 8-20 and 9-20.....	40
Gas Oven, 1, 2, 3 and 4.....	40
Gem, 6, 7 and 8.....	35
Gem Novelty, 6, 7 and 8.....	35
Home Novelty, 7-18, 8-18, 8-20 and 9-20.....	40
Home Novelty Range, 17 and 18.....	50
Imperial Cook, 6, 7, 8 and 9.....	40
King Cabinet, 6, 7 and 8.....	35
Lansdale, 7 and 8.....	35
Messenger Novelty, 7-19, 8-19, 8-21 and 9-21.....	40
Model Novelty, 7 and 8.....	75
Monitor, 6, 7 and 8.....	40
New Splendid, 7-18, 8-18, 8-20 and 9-20.....	40
Niagara, 6, 7, 8, 9 and 10.....	40
Novelty Kitchener, 7 and 8.....	40
Novelty Range, 7 and 8.....	75
Oracle, 6, 7 and 8.....	35
Oriole, 6, 17, 7, 18, 8, 18 and 19.....	40
Peerless, 7 and 8.....	40
Quaker City, 61, 71, 81 and 91.....	40
Reaper, 6, 7, 8 and 9.....	40
Ruby, 6, 7 and 8.....	35
Splendid, 60, 70 and 80.....	35
Splendid, 61, 71, 81, 72 and 82.....	35
Splendid, 17 and 18.....	35
Splendid Kitchener, 7 and 8.....	40
Success, 6, 7, 8 and 9.....	40
Superb, 6, 7, 8 and 9.....	40
Superb Range, 7-18, 8-18, 8-20 and 9-20.....	40
Surf, 16, 17 and 18.....	35
Templar, 6, 7, 8 and 9.....	40
Valley Novelty, 7-18, 8-18, 8-20 and 9-20.....	40
Wayne Novelty, 7-20, 8-20, 8-22 and 9-22.....	40
Wm. Penn, 6, 7, 8, 9 and 10.....	40



PRICE LIST FIRE BRICKS AND CYLINDER STAVES.

For Heating Stoves.

Per Set, Net.

Lady Franklin.

No. 18.....	\$0 75	No. 21.....	\$0 75
-------------	--------	-------------	--------

Parlor Cook of 1857.

No. 3.....	\$0 75	No. 4.....	\$0 75
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Brilliant, Token, Dawn, Pearl, Crown, Long Sections.

No. 8.....	\$0 35	No. 12.....	\$0 60
" 9.....	40	" 13.....	75
" 10.....	50	" 14.....	75
" 11.....	55	" 16.....	1 12 1/2

Magnet, Polo, Oxford, and Linden, Short Sections.

No. 8.....	\$0 30	No. 11.....	\$0 35
" 9.....	30	" 12.....	35
" 10.....	35		

Brilliant Novelty Surface Burner.

No. 20.....	\$0 40	No. 22.....	\$0 45
" 21.....	40	" 23.....	50

Dew Drop.

No. 19.....	\$0 60	No. 25.....	\$0 70
" 22.....	65		

Excelsior Improved.

No. 3.....	\$0 75	No. 5.....	\$0 75
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Model Parlor Cook.

No. 3.....	\$0 62	No. 4.....	\$0 62
------------	--------	------------	--------

Parlor Light and Novelty Parlor Cook.

No. 9.....	\$0 60	No. 12.....	\$0 90
" 10.....	70	" 13.....	1 00
" 11.....	80	" 14.....	1 15

Surprise Base.

No. 9.....	\$0 50	No. 11.....	\$0 70
" 10.....	60	" 12.....	80

Iron Stone Linings for Premier.

No. 1.....	\$0 85	No. 5.....	\$0 75
" 2.....	1 10	" 6.....	75
" 3.....	1 15	" 7.....	1 00

Iron Stone Linings for Supreme Range.

No. 7.....	\$0 75	No. 8.....	\$0 75
" 18.....	75	" 19.....	75

Grand Novelty. See page 77.

Aldine Novelty.

Nos. 10, 20.....	\$0 40	Nos. 14, 24.....	\$0 70
" 12, 22.....	60	" 16, 26.....	80

Harvard Novelty.

No. 10.....	\$0 40	No. 14.....	\$0 70
" 12.....	60	" 16.....	80

Oxford.

No. 10.....	\$0 40	No. 14.....	\$0 70
" 11.....	50	" 16.....	80
" 12.....	60		

Fireside.

No. 16.....	\$1 25		
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ABRAM COX STOVE CO.

REPAIRS ONLY.

FURNISHED FOR THE FOLLOWING STOVES.

Cooking Stoves.

	NUMBERS.		NUMBERS.
Imperial.....	6, 7, 8 and 9	Templar	6, 7, 8 and 9
Success.....	6, 7, 8 and 9	Oriole.....	6, 17, 7, 18, 8, 19
Superb.....	6, 7, 8 and 9	Family Novelty.....	8-18, 8-20 and 9-20
Reaper.....	6, 7, 8 and 9	Monitor.....	6, 7, and 8
Coral.....	5½, 6, 7 and 8		

Ranges.

Superb.....	7-18, 8-18, 8-20 and 9-20	Como.....	6, 7 and 8
Supreme.....	7, 18, 8 and 19	King Cabinet.....	6, 7 and 8
Oracle.....	6, 7 and 8	Advance.....	7 and 8
Home Novelty.....	8-18, 8-20 and 9-20	Peerless.....	7 and 8
Gem.....	6, 7 and 8	Gem Novelty.....	6, 7 and 8
Splendid Cabinet.....	71-81	Novelty Brick Set....	7 and 8

Furnaces.

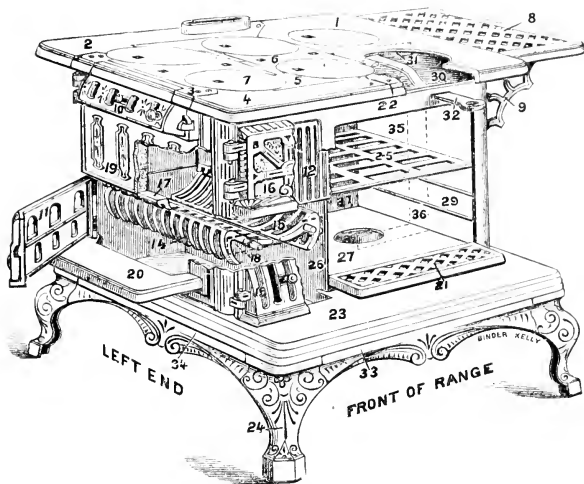
Success.....	25, 28 and 33	Splendid.....	25, 28 and 33
Novelty, Cast Iron.....			37

Heating Stoves.

New Magic Light, D. D.	9, 10, 11 and 12
New Magic Light, T. K. A.	19, 20, 21 and 22
New Magic Light, D. H.	3 and 4
Novelty, D. D.	14, 15, 16 and 17
Novelty, R. F.	18, 19 and 20
Novelty, D. H.	21, 22 and 23
Golden Light, D. D.	11, 12, 13 and 14
Golden Light, D. H.	11, 12, 13 and 14
Brilliant Light, D. D.	10, 11, 12 and 13
Brilliant Light, D. H.	12, 13, 14 and 16
Magic Light.....	9, 10, 11 and 12
Crystal Light.....	9, 10, 11 and 12
Our Pride.....	11, 12, 13 and 14
Our Jewel.....	11, 12, 13 and 14
Novelty Parlor Cook.....	9, 10, 11, 12 and 13
Parlor Light.....	10, 11, 12, 13 and 14
Ranger.....	9, 10, 11 and 12
Torrid.....	9, 10, 11 and 12
Dawn.....	8, 9, 10, 11, 12, 13, 14 and 16
Novelty Globe.....	41, 42 and 43
Novelty Globe, Illuminated.....	44, 45 and 46
Art Novelty.....	1, 3 and 5
Junior Novelty.....	10, 11 and 12
Token.....	8, 9, 10, 11, 12, 13, 14 and 16
Crown.....	8, 9, 10, 11 and 12
Popular Novelty.....	5 and 6
Star Novelty.....	10, 11, 12, 13, 1, 2, 3, 22 and 23
Novelty Parlor Cook.....	9, 10, 11, 12 and 13
Dwarf Oak.....	1, 2, 3 and 4
Surprise.....	9, 10, 11 and 12
Brilliant Novelty.....	30-31, 32 and 33
Harvard Novelty.....	10-12-14 and 16



NAMES OF PARTS OF RANGES.



INSTRUCTIONS FOR ORDERING REPAIRS.

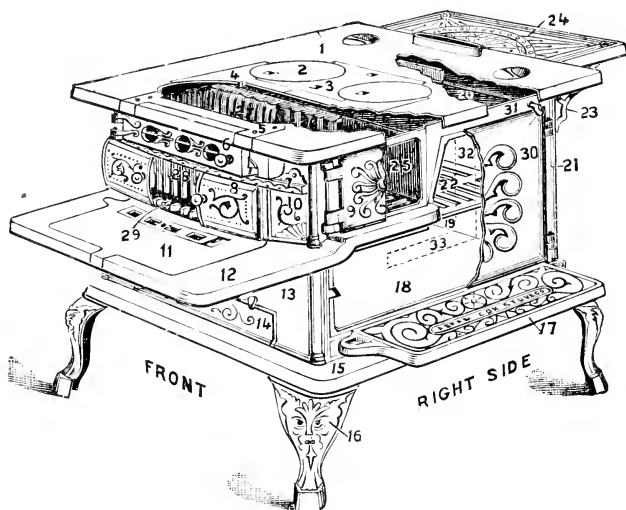
You are in front of a Range when facing the oven. Always stand in front of the stove, give the full and correct number and name of the stove, and order the piece by the NAME given below.

- | | |
|---------------------------------|---------------------------------|
| 1. Right Hand Top. | 20. End Hearth Plate. |
| 2. Back Top. | 21. Oven Shelf. |
| 3. Feeder Frame. | 22. Oven Front. |
| 4. Front Top. | 23. Bottom. |
| 5. Long Centre. | 24. Foot. |
| 6. Short Centre. | 25. Oven Slide. |
| 7. Cover. | 26. Front Oven Plate. |
| 8. Warming Shelf. | 27. Bottom Oven Plate. |
| 9. Warming Shelf Bracket. | 28. Cover in Bottom Oven Plate. |
| 10. Feeder Door. | 29. Back Oven Plate. |
| 11. End Draft Door. | 30. Top Oven Plate. |
| 12. Front Grate. | 31. Oven Damper. |
| 13. Ash Pit Door. | 32. Oven Damper Rod. |
| 14. Front Section Duplex Grate. | 33. Front Skirt. |
| 15. Back Section Duplex Grate. | 34. End Skirt. |
| 16. Wood Door. | 35. Upright Flue Strip. |
| 17. Brick Rest. | 36. Bottom Flue Strip. |
| 18. Duplex Grate Rest | 37. Back. |
| 19. Left Hand End | |



ABRAM COX STOVE CO.

NAMES OF PARTS OF FLAT TOP COOKS.



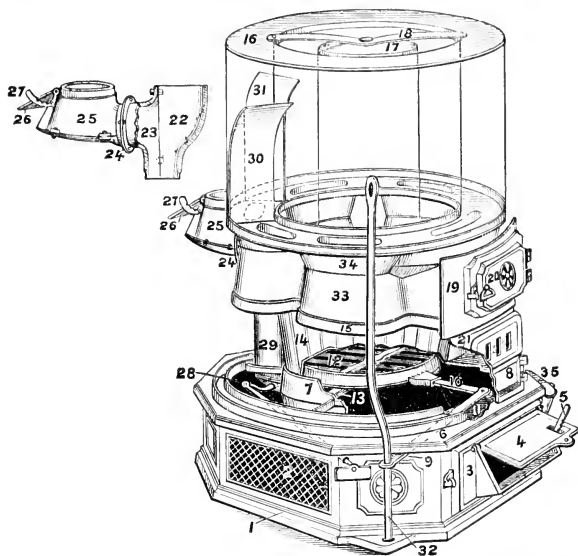
INSTRUCTIONS FOR ORDERING REPAIRS.

You are in front of a Flat Top Cook when facing the ash pit. Always stand in front of the stove, give the full and correct number and name of the stove, and order the piece by the NAME given below.

- | | |
|-----------------------------|----------------------------|
| 1. Top. | 18. Bottom Oven Plate. |
| 2. Cover. | 19. Back Oven Plate. |
| 3. Short Cross Piece. | 20. Top Oven Plate. |
| 4. Long Cross Piece. | 21. R. H. Side or Jamb. |
| 5. Feed Door Frame. | 22. Oven Slide. |
| 6. Feed or Broiler Door. | 23. Warming Shelf Bracket. |
| 7. Fire Door Strip. | 24. Warming Shelf. |
| 8. Front Fire Door. | 25. Front Oven Plate. |
| 9. Wood Door. | 26. Fire Plate. |
| 10. Upper Front. | 27. Fire Brick. |
| 11. Hearth Plate. | 28. Front Grate. |
| 12. Deep Hearth or Ash Pit. | 29. Bottom Grate. |
| 13. Lower Front. | 30. R. H. Oven Door. |
| 14. Flue Stopper. | 31. Oven Damper. |
| 15. Bottom. | 32. Upright Flue Strip. |
| 16. Foot | 33. Bottom Flue Strip. |
| 17. Outside Oven Shelf. | |



NAMES OF PARTS OF FURNACE.



INSTRUCTIONS FOR ORDERING REPAIRS.

You are in front of a Furnace when facing the Feed Door. Always stand in front of a furnace and give its full and correct name and number, and order the piece by the NAME given below.

- | | |
|---------------------------------|--|
| 1. Base Rim. | 19. Upper Front or Feed Door Frame. |
| 2. Cold Air Panel. | 20. Feed Door. |
| 3. Ash Door | 21. Lower Front. |
| 4. Ash Door Draft Flap. | 22. Front Inside Collar, N. P. |
| 5. Ash Door Draft Flap Ratchet. | 23. Back Inside Collar, N. P. |
| 6. Outside Top of Base. | 24. Back Expansion Piece and Loose Collar. |
| 7. Inside Top of Base. | 25. Check Draft. |
| 8. Clinker Door. | 26. Check Draft Flap. |
| 9. Solid Corner Panel of Base. | 27. Check Draft Ratchet. |
| 10. Inside Shaker. | 28. Dust Damper. |
| 11. Shaker Yoke. | 29. Dust Flue Pipe. |
| 12. Grate. | 30. L. H. Flue Strip. |
| 13. Grate Bar or Rest. | 31. R. H. Flue Strip. |
| 14. Fire Pot. | 32. Shaking Lever. |
| 15. Bottom of Crab. | 33. Crab. |
| 16. Upper Outer Drum Head. | 34. Lower Drum Head. |
| 17. Centre Drum Head. | 35. Water Pan. |
| 18. Stretcher. | |

Average weight of parts will be found on next page.

[illegible]



ADVERTISING PAYS.



We Know It from Experience.



NOTHING ATTRACTS LIKE A PICTURE.

Put a picture in your advertisement ; we will loan you what cuts you want.

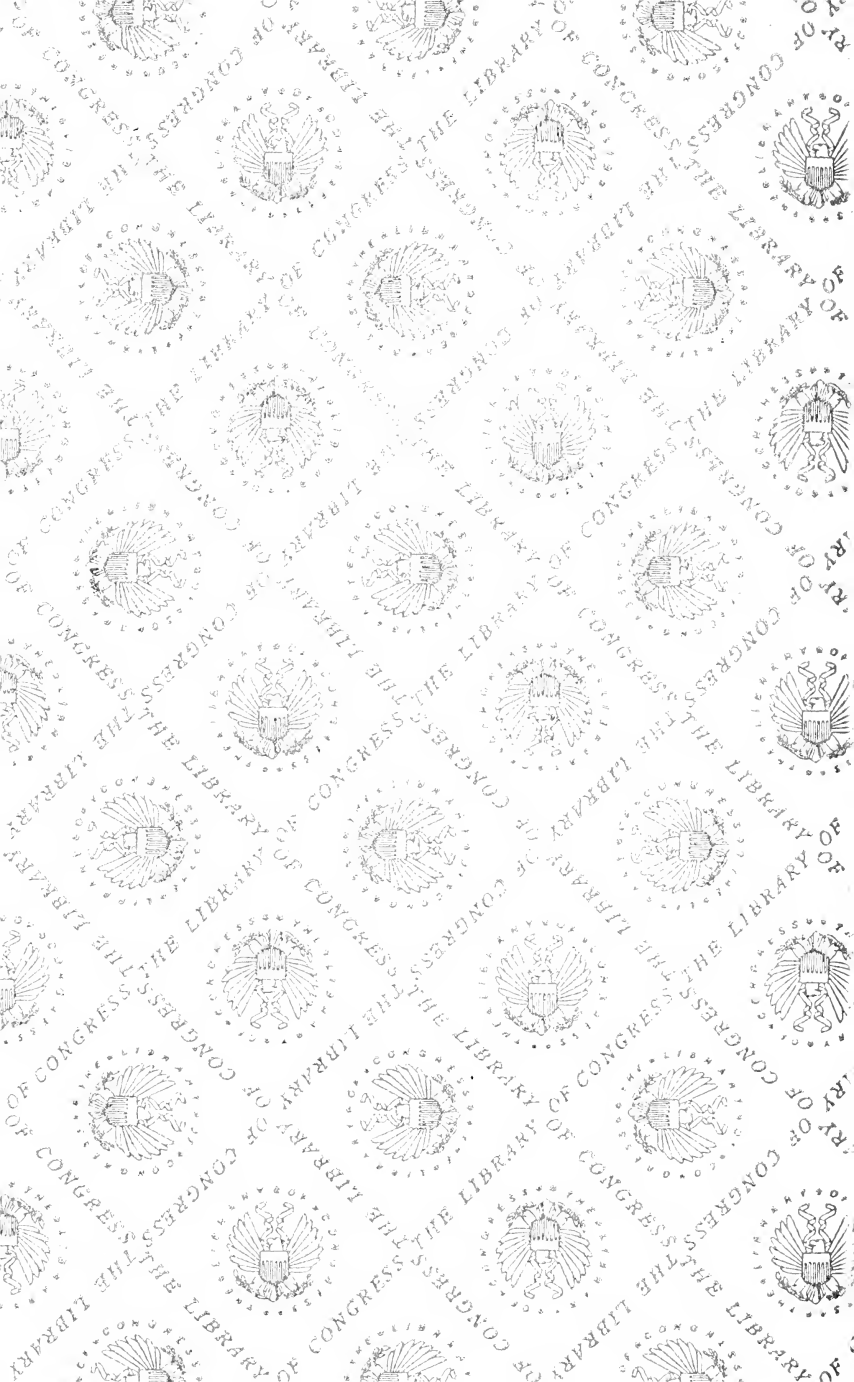
Change your advertisement often. Tell the public something to their advantage all the time, and you will secure their trade.

If you have what is wanted, and advertise it, your store will be where the public come to be supplied.

Keep your store attractive, change the location of your stock occasionally, then the people can see what you have. They like to gratify their curiosity, and the man that does so is always popular.

If anyone shows interest in anything, explain it thoroughly—it pays. Give a picture of the article.

Let us know what cut you want ; all our cuts are suited to newspapers.





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